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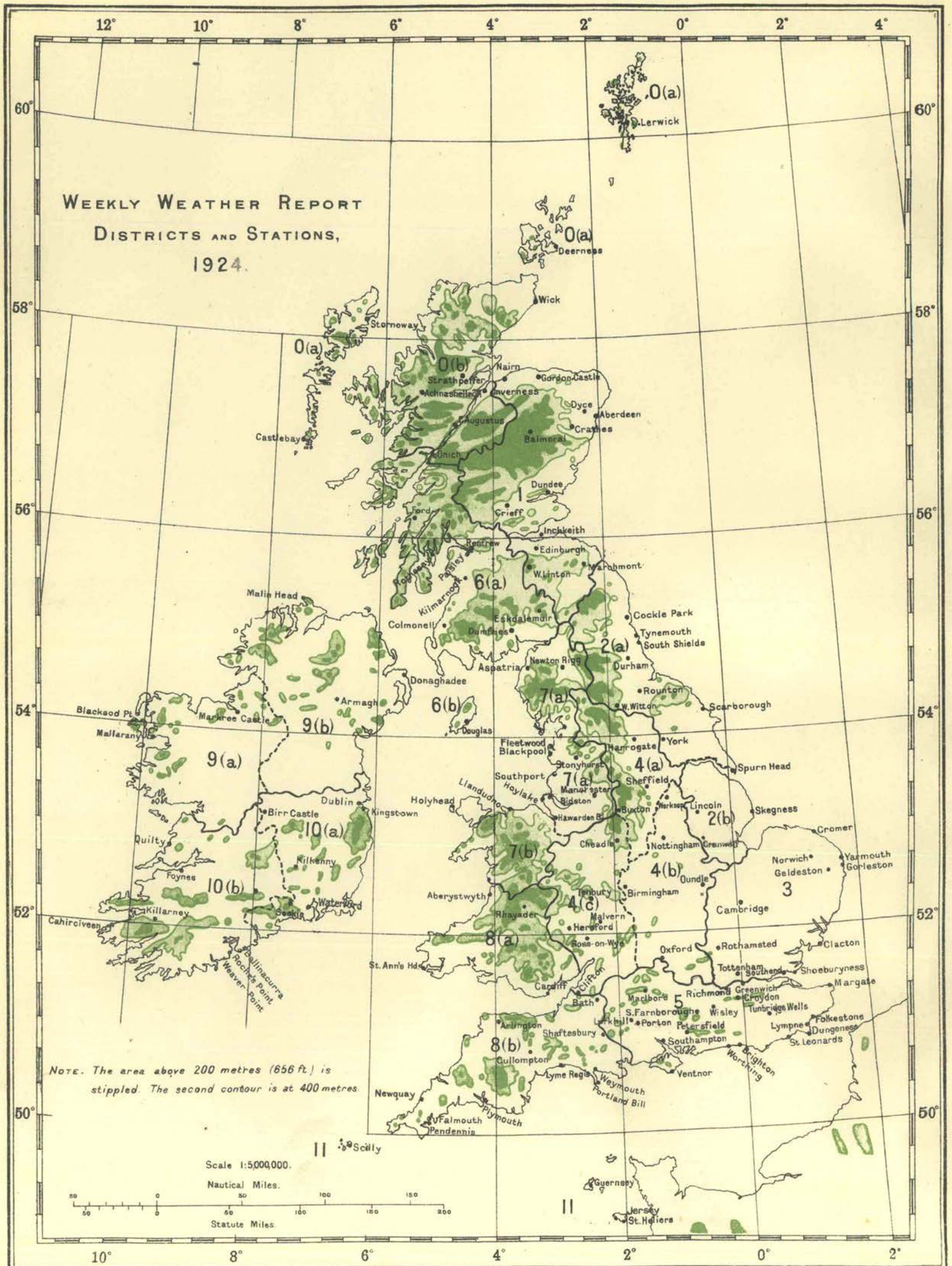

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THE

WEEKLY WEATHER REPORT, 1924.

(VOL. XLI.—NEW SERIES.)

Particulars of Temperature, Rainfall and Bright Sunshine for each week.

Published by the Authority of the Meteorological Committee.

LONDON:
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from
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ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1;
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1925.

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THE WEEKLY WEATHER REPORT, 1924.

CONTENTS.

	PAGE.
FRONTISPIECE MAP SHOWING THE POSITIONS OF STATIONS INCLUDED IN THE WEEKLY WEATHER REPORT	*to face Title*
PREFACE	iii
GUIDE TO THE TABLES CONTAINED IN THE WEEKLY ISSUES	1
WEEKLY WEATHER REPORTS	5–216

PREFACE.

The serial statistical publications of the Meteorological Office for the year 1924 will be as follows:—

The Weekly Weather Report.
The Monthly Weather Report.
The British Observatories' Year Book. This will contain Geophysical data as well as Meteorological data.
Réseau Mondial. Monthly Values for Stations distributed over the Globe.

THE WEEKLY WEATHER REPORT.

The first number of the *Weekly Weather Report* was that for the first week of February, 1878. There were four pages royal 8vo. A new series commenced in 1884, when the page was enlarged to its present size. A short history of the Report is given in the Introduction for 1916; for further information reference may be made to the *Annual Report of the Meteorological Committee for the year ended 31st March*, 1913, p. 37.

The Report formerly consisted of two sections. Section I contained mean values of temperature, rainfall and sunshine for districts and for stations in the British Isles, and summaries of the autographic records of wind: it is represented by the present volume. The publication of Section II, which consisted of daily weather charts of the North Atlantic and surrounding continents, was suspended in August, 1914. The Appendices published annually up to 1920 have now been discontinued.

A Guide to the Tables contained in the Weekly Issues of the Report forms pp. 1-4 of the Volume. An explanation of the system adopted in obtaining District Values will be found in the Guide.

The only change made in the form of each weekly issue during 1924, was a revision of the order in which the tables are printed, and a revision of the titles of the tables. This was done in order to give prominence to the main feature of the *Weekly Weather Report*, viz:—the compilation of weekly data by Districts.

The normal Values used in this Report are, for the most part, published in the *Book of Normals* (*see* p. iv). From the beginning of 1923, revised normals of weekly accumulated temperature of Districts were, however, brought into use. These differ slightly from those published in the *Book of Normals*, as explained in the Preface to the *Weekly Weather Report* for 1921.

The stations used in the preparation of the Report and the Districts into which the British Isles are divided for meteorological purposes are shown in the Frontispiece Map. Fuller particulars of the stations will be found in the Introduction to the Monthly Weather Report. The following changes have been made during the year in the stations used for the computation of values for districts.

District 4.—On the closing of the telegraphic reporting station at the Pumping Station, Nottingham, the observations for Nottingham were supplied, by courtesy of the Corporation, from instruments exposed at Nottingham Castle. The change took place at the beginning of the 18th week. The observations at the Castle are of long standing. Comparison between normals derived from the two sets of observations shows that no appreciable discontinuity has been introduced by the change.

District 6.—Publication of district values of sunshine, which had been discontinued after the 17th week in 1921, owing to the lapse of weekly and monthly returns from Glasgow, was resumed at the beginning of 1924. The district values are the arithmetic means of the values for Rothesay, Eskdalemuir and Douglas. The normal district values of sunshine are derived from the normal station values for Rothesay, Eskdalemuir, and Douglas, reduced to the period 1881-1915. Investigation has shown that the new normals do not differ seriously from the old normals which were computed from the normal values of sunshine for Glasgow and Douglas for the same period 1881-1915.

District 11.—The break in the representation of Jersey, referred to in last year's Report, was filled as from the 14th week, by the receipt of observations of temperature and rainfall from a new station set up by the States of Jersey near the quay at St. Helier's. At the same time reports of sunshine were resumed from the sunshine recorder which was previously in use, no change in the exposure having been made in this case. St. Helier's is close to St. Aubin's, where the observations of temperature and rainfall were formerly made, and there is no reason to suppose that the new observations are not comparable with those formerly received from St. Aubin's. The double-weighting of the data for Guernsey ceased on the resumption of observations from Jersey.

No changes occurred in the list of anemograph stations contributing to the last page of each weekly issue.

The following Table gives the district value stations utilised in 1924:—

DISTRICT-VALUE STATIONS, 1924.

District.	Temperature and Rainfall.	Sunshine.	Pressure.
0	Lerwick, Stornoway, Wick, Strathpeffer, Achnashellach, Fort Augustus, Onich.	Deerness, Stornoway, Inverness.	Lerwick, Stornoway, Castlebay, Wick.
1	Nairn, Gordon Castle, Aberdeen, Balmoral, Crieff, Inchkeith, West Linton, Marchmont.	Crathes, Nairn, Aberdeen, Dundee, Marchmont, Edinburgh.	Nairn, Aberdeen, Inchkeith.
2	Cockle Park, Tynemouth, Durham, Rounton, Scarborough, York, Spurn Head, Lincoln, Cranwell.	Cockle Park, Durham, Scarborough, York, Cranwell, Skegness.	Tynemouth, Spurn Head, Cranwell.
3	Cromer, Yarmouth, Norwich, Geldeston, Cambridge, Clacton-on-Sea, Rothamsted, Tottenham.	Cromer, Yarmouth, Geldeston, Cambridge, Clacton-on-Sea, Rothamsted, Tottenham.	Yarmouth, Clacton-on-Sea.
4	Harrogate, Worksop, Nottingham, Birmingham, Oundle, Oxford, Cheadle, Tenbury, Hereford, Clifton.	Harrogate, Sheffield, Worksop, Nottingham, Birmingham, Oxford, Ross-on-Wye, Clifton.	Nottingham (or Birmingham), Leafield, Harrogate.
5	Richmond (Kew Obs.), Marlborough, Margate, Wisley, Porton, Tunbridge Wells, Dungeness, St. Leonards, Southampton, Ventnor.	Richmond (Kew Obs.), Marlborough, Margate, Wisley, Worthing, Tunbridge Wells, Folkestone, St. Leonards, Southampton, Ventnor.	Dungeness, Richmond (Kew Obs.).
6	Ford, Renfrew, Rothesay, Kilmarnock, Colmonell, Dumfries, Douglas.	Rothesay, Eskdalemuir, Douglas.	Renfrew, Eskdalemuir.
7	Aspatria, Newton Rigg, Stonyhurst, Blackpool-Southport*, Liverpool, Hawarden Bridge, Manchester (Whit. Pk.), Llandudno, Holyhead.	Hoylake, Aspatria, Newton Rigg, Stonyhurst, Blackpool-Southport*, Llandudno, Aberystwyth.	Liverpool, Holyhead.
8	Rhayader, Pembroke, Cardiff, Bath, Shaftesbury, Arlington, Cullompton, Portland, Plymouth, Falmouth.	Aberystwyth, Rhayader, Pembroke, Bath, Cullompton, Plymouth, Falmouth, Newquay.	Pembroke, Portland.
9	Malin Head, Blacksod Point, Markree Castle, Birr Castle, Armagh, Donaghadee.	Markree Castle, Armagh.	Malin Head, Blacksod Point, Donaghadee.
10	Dublin (City), Kilkenny, Waterford, Birr Castle, Foynes, Killarney, Cahirciveen (Valencia Obs.), Roches Pt.	Dublin (Phœnix Park), Birr Castle, Cahirciveen (Valencia Obs.), Ballinacurra.	Cahirciveen (Valencia Obs.), Roches Point, Birr Castle.
11	Scilly, Jersey, Guernsey.	Scilly, Jersey, Guernsey.	Scilly.

* The average of Blackpool and Southport readings is taken as if referring to a single station.

THE BOOK OF NORMALS.—The normal values of some of the more important meteorological elements have been published from time to time in Appendices to this Report. The last of the series was Appendix IV, 1913, in which normals for periods ending 1910 were set out. This appendix is now replaced by "The Book of Normals of Meteorological Elements for the British Isles for periods ending 1915," which is being issued in the more convenient form of an octavo volume. Section I contains monthly normals for stations of Temperature, Rainfall and Sunshine, Section II is devoted to Weekly, Monthly, Quarterly and Seasonal Normals for Districts, Section III to maps of the normal distribution of Temperature, Rainfall and Sunshine for the British Isles, Section IV to the range of variation of Temperature and Rainfall, and Section V to Monthly Normals of Rainfall for a large number of Stations.

Meteorological Office,
London, S.W. 7,
13th February, 1925.

G. C. SIMPSON,
Director.

(1135) Wt.23953/95 500 2/25. B.&F. Ltd. 95.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE SOUTHWARK, S.E.1.

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GUIDE TO THE TABLES CONTAINED IN THE WEEKLY ISSUES FOR THE YEAR 1924.

The guiding principle of the *Weekly Weather Report*, which has been kept in view throughout its history, has been the provision of a homogeneous series of weekly average values of temperature, rainfall and sunshine for each of twelve districts into which the British Isles are divided for meteorological purposes. Information regarding pressure and wind has been added in recent years, and since 1907 there has been included a section indicating how the values of temperature, rainfall and sunshine for each district differ from the normal for the time of year.

The procedure, as regards temperature, rainfall, sunshine and pressure, has been to select for each district a number of stations, not exceeding ten, to represent the district as fairly as possible. Weekly means or totals of daily maximum and minimum temperature, rainfall, sunshine and pressure are computed for each station, and the district values are found by taking the average of the station-means for the representative stations in the district. The stations selected for sunshine and for pressure differ in some cases from those selected for temperature and rainfall. Wind if dealt with by means of two tables, showing for selected stations (1) weekly summaries of autographic records, in the form os frequencies of occurrence of winds of different strengths, with information as to extreme velocities; and (2) weekly frequencies and mean velocities of wind components from South, North, West and East.

The general arrangement of each weekly issue is as follows:—

SECTION I.—DISTRICT-VALUES AND THEIR DEVIATION FROM NORMAL OF TEMPERATURE, RAINFALL, SUNSHINE AND PRESSURE, FOR THE WEEK, THE SEASON AND THE YEAR.

This section comprises tables showing the **District-Values** of temperature, rainfall, sunshine and pressure for the current week, with aggregates or means for the current season and for the current year, to date.

Except in the case of "Accumulated Temperature" the District-Values are the means of the station-values, printed in Section IV, for the representative stations in each district.

The stations used for the computation of district-values have not been the same during the whole history of the Report, but when a station lapses it is, if possible, replaced by another in the neighbourhood for which the averages of rainfall, temperature and sunshine are similar.

The **District-Value Stations** are indicated in the Table of Section IV of the Report by the signs ¶ for temperature, and rainfall, and § for sunshine.

The District-Values of Pressure are obtained from observations at 7h. and 18h. published in the Daily Weather Report. No correction for diurnal range is applied.

Accumulated Temperature.—The Tables of Accumulated Temperature for Districts are designed to give persons engaged in agriculture better means of estimating the manner in which vegetation is affected by temperature than that afforded by the more usual methods of treating the readings of the thermometer. They show the combined amount and duration of the excess or defect of the air temperature, above or below a suitably fixed standard or base-temperature. Cumulative values for the whole period since the commencement of the season and the year are published in addition to the values for each week. The base temperature adopted is 42°F., as being nearly equivalent to 6°C. This has been considered by Continental writers on these subjects to be the critical value, the temperature above which is mainly effectual in starting and maintaining the growth, and in completing the ripening, of agricultural crops in a European climate. This base is also convenient as being 10°F. above the freezing point on the Fahrenheit scale.

The Accumulated Temperature is expressed in "Day-Degrees"—a Day-Degree signifying 1°F. of excess or defect of temperature above or below 42°F., continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

To compute the accumulated temperature accurately, it would be necessary to integrate the excess of temperature above the critical limit by utilising instantaneous values throughout the period. In practice we are content to make an approximation. Rules for computing approximations of accumulated temperature from the weekly-values of Maximum, Minimum and Mean Temperature were devised by the late Lieutenant-General Sir Richard Strachey, F.R.S., and set out in the *Quarterly Weather Report*, Appendix II, 1878. The rules distinguish four cases which are differentiated by the relation of the critical temperature 42°F. to the maximum, minimum and mean temperatures.

The mean maximum temperature for the week in Fahrenheit degrees being denoted by X, the mean minimum by N, and the "Strachey-Mean" (*see* below) by S, the rules may be summarised as follows*:—

Condition.	Daily Accumulated Temperature.	
	Above 42°F.	Below 42°F.
N not below 42	(S-42)	0
S above and N below 42	(S-42) + ⅜ (42-N)	⅜ (42-N)
X above and S below 42	⅜ (X-42)	(42-S) + ⅜ (X 42)
X not above 42.	0	(42-S)

The average daily values obtained in the manner described are multiplied by 7 to obtain the values for the whole week.

See below for the normals used in this Section.

SECTION II.—DISTRICT CHARACTERS, IN RELATION TO NORMAL, FOR THE WEEK AND THE SEASON.

In this table the "characters" of the warmth, rainfall and sunshine of each district, for the week, are given in words according to the following scheme. The characters are based on the district-values set out in Section I.

Warmth.—The week's warmth is called *unusual* if it is so much above the normal for the time of year that, in the long run, it is likely to occur, for that week, only once in three years, and it is marked *very unusual* if it is likely to occur, for that week, only once in twelve years; similarly it is called *deficient* if it is so much below the normal for the time of the year that it is only likely to occur, for that week, once in three years, and *very deficient* if it is likely to occur, for that week, only once in twelve years. Otherwise it is called *moderate*.

Rainfall.—The week's rainfall is called *heavy* if it is so much above the normal for the time of year that, in the long run, it is likely to occur, for that week, only once in three years, and it is marked *very heavy* if it is likely to occur, for that week, only once in twelve years; similarly it is called *light* if it is so much below the normal for the time of year that it is only likely to occur, for that week, once in three years, and *very light* if it is likely to occur, for that week, only once in twelve years. Otherwise it is called *moderate*. When the week has been without rain, the word *nought* is inserted in the column for the district.

* Readers concerned with the data for earlier years should consult the Preface to the *Weekly Weather Report* 1921, where a systematic error in the computations is discussed.

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Sunshine.—The week's sunshine is called *abundant* if it so much above the normal for the time of year, that in the long run, it is likely to occur, for that week, only once in three years, and it is marked *very abundant* if it is likely to occur, for that week, only once in twelve years; similarly it is called *scanty* if it is so much below the normal for the time of the year that it is likely to occur, for that week, only once in three years, and *very scanty* if it is likely to occur, for that week, only once in twelve years. Otherwise it is called *moderate*. When the week has been without sunshine the word *nought* is inserted in the column for the district.

The classification for warmth may be put briefly in tabular form as below, and similar tables apply to rainfall and to sunshine.

CLASSIFICATION FOR WARMTH.

Number of weeks on the Average in 12 years.				
Very Unusual.	Unusual.	Moderate.	Deficient.	Very Deficient.
1	3	4	3	1
4			4	

The normals referred to above are the smoothed normals of the weekly values published in the *Weekly Weather Report* for the 25 years 1881–1905. An account of the method of determining the limits of the various classes is given in a paper by R. G. K. Lempfert: "A New Method of Treating Meteorological Statistics," Journal of the Board of Agriculture, Vol. xiv., No. 1, April, 1907.

Summaries of the characteristics of the current season are also given. In the column for each district the first figure in the line for warmth denotes the number of weeks of *unusual* warmth, the last figure the number of weeks of *deficient* warmth, and the middle figure, in small type, the number of weeks of *moderate* warmth. *Very unusual* or *very deficient* weeks are included with *unusual* or *deficient* weeks. Rainfall and sunshine are similarly dealt with.

SECTION III.—REMARKS ON THE WEATHER OF THE WEEK.

These remarks include references to any unusual phenomena which are not otherwise provided for in the Report.

SECTION IV.—STATION-VALUES, AND THEIR DEVIATION FROM NORMAL, FOR THE WEEK.

This table contains the data (excepting those for pressure) upon which the district-values printed in Section I are based. Information in similar form is also given for a few stations which are not used in the computation of district-values.

The stations used for the computation of **district-values** of temperature and rainfall are indicated by the symbol ¶; those used for the computation of district-values of sunshine are indicated by the symbol §.

Temperature of the air.—In general the temperature of the air is obtained from self-registering maximum and minimum thermometers placed in a Stevenson screen, on a four-legged stand, at a height of about 4 feet above the ground. At the Royal Observatory, Greenwich, a Glaisher stand is in use, and the extreme readings by day and by night are frequently respectively higher and lower than those from a Stevenson screen. The hours of observation are generally those given in the *Monthly Weather Report*. For the observatories at Aberdeen, Eskdalemuir, Richmond and Cahirciveen the observations at 7h., and at 18h., are utilised.

At stations marked *a*, the **extremes of temperature** are for the 24 hours beginning or ending at the morning observations (generally at 9h. G.M.T.). At stations marked *p*, the extremes of temperature are for the 24 hours ending in the evening generally at 21h. From March 1, 1921, the extreme temperatures reported for the telegraphic stations of the Daily Weather Report have been the day maximum and the night minimum and refer to the intervals 7h. to 18h., and 18h. to 7h. respectively. The thermometers in question are set twice a day. These stations are indicated by a "*t*" in the tables. From April 3, 1921, extremes of temperature at stations indicated by "*h*" have been for the periods 9h. to 17h. and 17h. to 9h. respectively. The thermometers at these stations are set once a day, the maximum thermometer at 9h., the minimum at 17h. The rule with such stations is that the mean maximum and mean minimum refer to the specified interval, but that the extreme temperatures for the week are noted even when they occur at anomalous hours. If the highest temperature of the week occurs between 17h. on one day and 9h. on the next, it is credited to the former day.

The **mean temperature** published in this Report is in all cases the arithmetic mean of the maximum and minimum, adjusted by the method suggested by the late Sir Richard Strachey, to represent the true mean temperature for the week. It differs from the arithmetic mean by an amount proportional for each month to the range. If X and N are the means of the daily maxima and minima, the amounts to be added or subtracted from $\frac{1}{2}$ (X+N) to get the "adjusted" mean temperature are shown in the following table:—

January and December	+ ·02 (X–N)
February and November	Nil.
March and October	– ·015 (X–N)
April and September	– ·024 (X–N)
May and August	– ·030 (X–N)
June and July	– ·035 (X–N)

The table is based on formulæ proposed by Lieut-General Sir Richard Strachey and derived from a discussion of the records at Greenwich and the First Order Observatories of the Meteorological Office. (*See* the *Quarterly Weather Report* of the Meteorological Office 1878, App.II.) In the summer the mean of the maximum and minimum temperatures is higher than the true mean for the day as the highest temperatures do not last for many hours. In midwinter it happens frequently that the same cold night gives a low minimum for two consecutive periods of 24 hours, so that the unadjusted mean temperature derived from the maximum and minimum readings is too low and requires a positive correction. Strachey's investigation referred in the first instance to maxima and minima for the 24 hours ending at midnight. The formulæ are used in this report for readings at 9h. and 21h., and also for the day maxima and night minima. Recent investigation has shown, however, that even under these circumstances the "Strachey Mean" is a fair approximation to the true mean. The correction to be applied to the "mid-temperature," *i.e.*, $\frac{1}{2}$ (X+N) to obtain the Strachey Mean is about –0·6°F. in summer months, and +0·1°F. or +0·2°F. in winter. It should be noted that "Strachey Means" are not utilised in the station table of the *Monthly Weather Report* (Table III.) which is therefore not directly comparable with Table IV of the *Weekly Weather Report*.

Temperature on the Grass.—The "temperature on the grass" is obtained from a minimum thermometer whose stem is protected by an outer glass tube. The thermometer is placed so that it is just level with the top of short grass, *i.e.*, about 2 inches above the ground. The grass minimum thermometer does not record the temperature of the air at its own level but rather its own temperature, *i.e.*, that of a bulb filled with spirit, losing heat by radiation in all directions and receiving heat by radiation from the clouds, from the atmosphere itself, from the ground and from surrounding objects, and by contact with the air. Although the thermometer gives neither the temperature of the air nor of the grass-blades, its readings do indicate the circumstances in which those temperatures are high or low. A night is reckoned as a **night of ground frost** if the minimum indicated is 30·4°F. or below.

Temperature in the ground.—The temperature of the ground is obtained from an "earth thermometer," a thermometer whose bulb is embedded in a non-conducting material (usually paraffin wax) contained in a glass tube about 1 inch in diameter. The whole thermometer is placed in an iron tube closed at the bottom and covered at the top by a metal lid which prevents the entrance of water into the tube. For the readings, which are usually made at 9h. G.M.T., the thermometer is pulled up from the tube. Separate iron tubes are used for the thermometers at depths of 1 foot and 4 feet.

Rainfall.—The rainfall refers to the period of 24 hours beginning at the hour of morning observation, *i.e.*, the measurement made in the morning is entered to the preceding day. The gauges are of 8 inch or 5 inch diameter and the rims are 1 foot above the ground.

In counting the number of days of precipitation at a station where the measurements are made in hundredths of an inch, credit is given for every entry (even ·01 in.). At a station where the measurements are in millimetres, readings of 0·1 mm. are ignored and the number of days of precipitation includes only days with 0·2 mm. or more.

Sunshine.—The records are obtained from the Campbell-Stokes recorder. The specification is given in the Observers' Handbook. The trace during intermittent sunshine is extended by charring of the card beyond the true limits at which the sun emerges and is obscured, and an allowance, resting on long practice, is made for this extension. The allowance is less than that which would reduce the record of intermittent burns of short duration in very bright sunshine sufficiently to give the actual time during which

the sun was unobscured. The values are, therefore, on the average slightly in excess of the actual duration of sunshine of intensity sufficient to scorch the card.

The **possible duration of sunshine** with which the recorded duration is compared is the length of the day beginning and ending when the centre of the sun would be visible in the horizontal plane through the station, if it were not for obstruction by hills, &c. Allowance is made for the refraction of the light. It should be noted, however, that in the most favourable circumstances, the Campbell-Stokes instrument does not record sunshine when the sun is less than 3° above the horizon (*see* "Book of Normals," Sec. 1, p. 87), so that 100 per cent. of the possible duration never occurs.

See below for the normals used in this Section.

SECTION V.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND SPEED.

The records utilised in this table are obtained from Dines Pressure Tubes, except where otherwise stated. The trace from such instruments has the appearance of a ragged ribbon of varying width, and the mean velocity for an hour is obtained by taking a line running along the middle of the ribbon and estimating its mean height above the base line for the period from 30 minutes before to 30 minutes after an exact hour of Greenwich Mean Time.

In setting out the distribution of winds according to mean speeds, the limits assigned to the several numbers of the Beaufort scale of wind-force have been observed. The grouping of the forces is shown in the following table.

The information in the columns headed "Highest Gusts" has reference to the highest excursion on the "ribbon." The direction of a gust is taken as nearly as possible for the instant at which the gust occurs.

All times are referred to Greenwich Mean Civil Time (Noon G.M.T.=12h., 6 p.m.=18h.). Summer time is not used. When an anemometer is on the top of a building the approximate height above the top of the building is shown in the appropriate column. For stations where the head of the anemometer is supported on a pole rising direct from the ground or from an iron skeleton tower, the symbol ‡ signifying "standard mounting" is shown in this column.

SECTION VI.—WIND COMPONENTS.—FREQUENCIES AT 3h., 9h., 15h. and 21h. (MAXIMUM POSSIBLE 28) AND MEAN VALUES, IN MILES PER HOUR AND METRES PER SECOND.

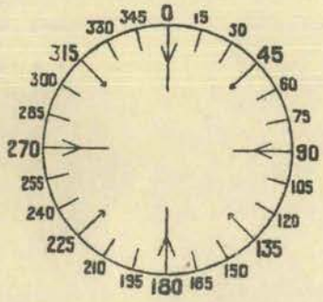
This section gives, for the representative selection of anemograph stations, a summary of wind conditions in which account is taken of direction as well as speed. The information is arrived at by tabulating the direction (read to the nearest 10°) and speed of the wind for the hours centred at 3h., 9h., 15h. and 21h., G.M.T., and resolving these values in the four principal directions, North, South, East and West. The frequency of occurrence, during the week under review, of components in each of these directions is given in the first column assigned to each station, the corresponding mean velocity is given in the second and third columns in miles per hour and metres per second respectively. It should be noted that if the mean direction for any hour lies in one of the principal directions, the component at right angles to that direction is zero, and hence the sum of the frequencies in opposite directions when added to the number of calms is not necessarily equal to 28.

Beaufort Scale.		Calm. 0	Light Air. 1	Slight Breeze. 2	Gentle Breeze. 3	Modte. Breeze. 4	Fresh Breeze. 5	Strong Breeze. 6	High Wind. 7	Gale. 8	Strong Gale. 9	Whole Gale. 10	Storm. 11	Hurricane. 12
Mean wind speed at 33 feet.	mi/hr	Less than 1	1 to 3	4 to 7	8 to 12	13 to 18	19 to 24	25 to 31	32 to 38	39 to 46	47 to 54	55 to 63	64 to 75	Above 75
	m/s	Less than 0·3	0·3 to 1·5	1·6 to 3·3	3·4 to 5·4	5·5 to 7·9	8·0 to 10·7	10·8 to 13·8	13·9 to 17·1	17·2 to 20·7	20·8 to 24·4	24·5 to 28·4	28·5 to 33.5	Above 33·5
W.W.R. groups ...		<——>		<——>		<——>		<——>		<——>				

For all anemometers the same limits of wind speed are adopted in spite of the fact that it is recognised that the mean speed of the wind varies rapidly with height above ground so that the same gale will be represented by different wind speeds if recorded by two anemometers at different heights at the same place. Of the anemometers used in the discussion* of the Beaufort scale by Simpson those at Scilly, which are at a height of 33 feet above ground, had the best exposure. Accordingly the table of equivalents given above, which is based on that discussion, may be regarded at giving the speed measured at 10 metres (33 feet) above the ground in the open, corresponding with the numbers of the Beaufort scale.

The adjustment of the recording part of a Pressure Tube anemograph to give correct readings in the lower part of the scale is difficult so that in using the table of wind distribution less weight should be attached to the distinction made between the two lowest groups than to the other breaks in the series.

The columns headed **Highest Hourly Wind** give particulars of the maximum mean wind recorded in any one hour centred at an exact hour of G.M.T. The speed is expressed both in metres per second and in miles per hour. The direction is given in degrees measured from North through East. It is referred to true, that is geographical, as distinguished from magnetic, North. The direction of the wind is estimated from the direction record in a manner similar to that used for the estimation of mean speed.



Particulars of the heights at which the anemometers are exposed are given in Section V; for further details reference may be made to the Annual Summary of the *Monthly Weather Report*.

NORMALS.

The normals of air temperature and of rainfall and sunshine for the individual stations in Section IV are based upon the monthly normals for these stations for the years 1881-1915. (*See* "The Book of Normals," M.O. 236, Section 1.) The present normals have been in use since the first week of 1917. Revised figures for rainfall were, however, adopted from the beginning of 1923 for the following stations.—Kilmarnock, Rounton, Cromer, Southend, Harrogate, Sheffield, Nottingham, Raunds, Hereford, Tunbridge Wells, Portland Bill, Guernsey.

The averages for Ground Temperature used in Section IV are computed from the weekly values published in the Reports for the years 1907–1920. No correction has been applied to the averages for shorter periods in the case of stations for which values for the whole 14 years are not available.

The normals used in Section I are derived from the weekly district values published in the Report, but they have been adjusted in some cases where the selection of stations for the district differed materially from the selection now used. These normals are for the 35 years 1881-1915 and are printed in "The Book of Normals," Section III.

* "The Beaufort Scale of Wind Force," London, Meteorological Office, 1906.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

5

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 1.

FIRST WEEK.
SUNDAY, DECEMBER 30TH, 1923, TO SATURDAY, JANUARY 5TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FIRST WEEK of 1924—December 30th, 1923 to January 5th, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	52	26	45·6	37·3	41·6	+3·5	10	+ 4	13	− 20	6	+ 1	0·78	20	− 9	0·6	− 0·1	9	1013
Eastern.																			
1. SCOTLAND, EAST ..	54	16	43·7	34·1	39·1	+2·2	5	0	25	− 15	5	+ 1	0·47	12	− 4	1·5	+0·5	22	1016
2. ENGLAND, N.E. ..	51	24	42·1	33·8	38·1	+0·1	0	− 5	28	− 5	3	− 1	0·30	7	− 6	1·4	+0·3	19	1020
3. ENGLAND, EAST ..	51	24	41·3	33·4	37·5	− 0·3	0	− 8	31	− 7	4	0	0·37	9	− 4	0·8	− 0·6	10	1021
4. MIDLAND COUNTIES	53	22	43·8	35·1	39·7	+2·0	5	− 3	21	− 17	4	0	0·50	13	− 2	1·3	+0·1	16	1021
5. ENGLAND, S.E. ..	52	25	44·2	34·9	39·8	+0·2	6	− 5	22	− 6	4	0	0·46	12	− 2	1·3	− 0·2	16	1021
Western.																			
6. SCOTLAND, WEST[1] ..	49	25	45·5	37·7	41·7	+2·5	10	+ 2	12	− 15	6	+ 1	1·01	26	− 2	0·7	− 0·2	9	1018
7. ENGLAND, N.W.[2] ..	52	27	45·4	38·8	42·3	+2·9	11	+ 2	9	− 18	5	+ 1	0·88	22	+ 3	0·8	− 0·2	11	1020
8. ENGLAND, S.W.[3] ..	55	28	47·1	40·2	43·8	+2·5	18	+ 3	5	− 15	5	0	0·48	12	− 11	1·1	− 0·4	14	1021
9. IRELAND, NORTH ..	52	33	48·8	42·4	45·7	+5·3	26	+14	0	− 23	6	+ 1	0·64	16	− 5	0·8	− 0·5	10	1018
10. IRELAND, SOUTH ..	55	29	50·4	43·1	46·9	+4·8	34	+16	0	− 17	4	− 1	0·41	10	− 15	0·8	− 0·7	10	1021
11. CHANNEL ISLANDS[4]	51	36	49·4	44·2	46·9	+2·2	34	+ 7	0	− 8	5	0	0·74	19	− 1	2·1	+0·3	26	1023
MEAN: DISTRICTS 1-10	55	16	45·2	37·3	41·5	+2·2	11	+ 2	15	− 14	5	0	0·55	14	− 5	1·1	− 0·2	14	1020

THE SEASON (Winter).—Aggregates, &c., for the Period of 5 Weeks, December 2nd, 1923, to January 5th, 1924.

0. SCOTLAND, NORTH ..	55	19	42·9	35·0	39·1	+0·3	27	− 9	129	− 13	28	+ 1	5·78	147	− 22	0·7	+ 0·1	11	1009
Eastern.																			
1. SCOTLAND, EAST ..	54	15	41·3	32·7	37·2	− 0·5	17	− 14	184	+ 4	25	+ 4	2·98	75	− 12	1·4	+ 0·4	21	1010
2. ENGLAND, N.E. ..	54	21	41·4	33·2	37·5	− 1·6	9	− 30	168	+27	18	− 2	2·36	59	− 6	1·6	+ 0·4	22	1014
3. ENGLAND, EAST ..	51	22	42·2	33·2	37·9	− 1·2	9	− 40	153	+ 2	21	0	2·52	63	− 2	1·3	0·0	16	1015
4. MIDLAND COUNTIES	53	17	43·6	33·4	38·8	− 0·1	24	− 26	136	− 24	20	− 1	2·54	65	− 12	1·4	+ 0·3	19	1016
5. ENGLAND, S.E. ..	54	18	44·9	34·8	40·1	− 0·8	41	− 32	108	− 1	22	+ 2	2·82	72	− 14	1·6	+ 0·2	20	1016
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	43·8	34·9	39·5	− 0·7	37	− 15	123	+15	28	+ 4	5·61	142	− 15	1·5	+ 0·6	21	1013
7. ENGLAND, N.W.[2] ..	56	16	44·2	36·5	40·5	0·0	36	− 21	86	− 25	26	+ 4	3·84	97	− 7	1·3	+ 0·3	17	1015
8. ENGLAND, S.W.[3] ..	55	20	46·8	38·2	42·7	+0·2	78	− 14	54	− 21	25	+ 1	3·71	95	− 44	1·7	+ 0·3	21	1017
9. IRELAND, NORTH ..	53	25	46·8	38·7	42·9	+1·8	82	+17	50	− 46	29	+ 3	4·38	110	− 4	1·3	+ 0·1	18	1014
10. IRELAND, SOUTH ..	57	26	48·5	39·8	44·4	+1·5	117	+14	34	− 37	23	− 2	3·43	86	− 47	1·2	− 0·3	16	1018
11. CHANNEL ISLANDS[4]	53	33	49·7	42·9	46·4	+0·5	157	− 3	2	− 21	27	+ 1	3·71	95	− 24	1·8	0·0	23	1019
MEAN: DISTRICTS 1-10 ..	57	13	44·3	35·5	40·1	− 0·1	45	− 16	110	− 11	24	+ 1	3·42	86	− 16	1·4	+ 0·2	19	1015

THE YEAR. Aggregates, &c., for the Period of 1 Week, December 30th, 1923, to January 5th, 1924.

0. SCOTLAND, NORTH ..	52	26	45·6	37·3	41·6	+3·5	10	+ 4	13	− 20	6	+ 1	0·78	20	− 9	0·6	− 0·1	9	1013
Eastern.																			
1. SCOTLAND, EAST ..	54	16	43·7	34·1	39·1	+2·2	5	0	25	− 15	5	+ 1	0·47	12	− 4	1·5	+ 0·5	22	1016
2. ENGLAND, N.E. ..	51	24	42·1	33·8	38·1	+0·1	0	− 5	28	− 5	3	− 1	0·30	7	− 6	1·4	+ 0·3	19	1020
3. ENGLAND, EAST ..	51	24	41·3	33·4	37·5	− 0·3	0	− 8	31	− 7	4	0	0·37	9	− 4	0·8	− 0·6	10	1021
4. MIDLAND COUNTIES	53	22	43·8	35·1	39·7	+2·0	5	− 3	21	− 17	4	0	0·50	13	− 2	1·3	+ 0·1	16	1021
5. ENGLAND, S.E. ..	52	25	44·2	34·9	39·8	+0·2	6	− 5	22	− 6	4	0	0·46	12	− 2	1·3	− 0·2	16	1021
Western.																			
6. SCOTLAND, WEST[1] ..	49	25	45·5	37·7	41·7	+2·5	10	+ 2	12	− 15	6	+ 1	1·01	26	− 2	0·7	− 0·2	9	1018
7. ENGLAND, N.W.[2] ..	52	27	45·4	38·8	42·3	+2·9	11	+ 2	9	− 18	5	+ 1	0·88	22	+ 3	0·8	− 0·2	11	1020
8. ENGLAND, S.W.[3] ..	55	28	47·1	40·2	43·8	+2·5	18	+ 3	5	− 15	5	0	0·48	12	− 11	1·1	− 0·4	14	1321
9. IRELAND, NORTH ..	52	33	48·8	42·4	45·7	+5·3	26	+14	0	− 23	6	+ 1	0·64	16	− 5	0·8	− 0·5	10	1018
10. IRELAND, SOUTH ..	55	29	50·4	43·1	46·9	+4·8	34	+16	0	− 17	4	− 1	0·41	10	− 15	0·8	− 0·7	10	1021
11. CHANNEL ISLANDS[4]	51	36	49·4	44·2	46·9	+2·2	34	+ 7	0	− 8	5	0	0·74	19	− 1	2·1	+ 0·3	26	1023
MEAN: DISTRICTS 1-10 ..	55	16	45·2	37·3	41·5	+2·2	11	+ 2	15	− 14	5	0	0·55	14	− 5	1·1	− 0·2	14	1020
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Unusual	Unusual	Unusual	Unusual	Unusual
	Rainfall ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Light	Moderate
	Sunshine ..	Moderate	Abundant	Moderate	Scanty	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 5 weeks from Dec. 2nd, 1923.	Warmth ..	2, 2, 1	2, 1, 2	0, 3, 2	0, 4, 1	0, 4, 1	0, 4, 1	1, 2, 2	1, 3, 1	1, 3, 1	2, 2, 1	2, 2, 1	2, 3, 0
	Rainfall ..	1, 2, 2	0, 4, 1	1, 3, 1	2, 2, 1	1, 3, 1	1, 3, 1	1, 4, 0	1, 3, 1	1, 2, 2	1, 3, 1	1, 1, 3	2, 1, 2
	Sunshine ..	1, 4, 0	3, 2, 0	3, 2, 0	0, 4, 1	2, 3, 0	0, 5, 0	4, 1, 0	3, 2, 0	2, 3, 0	1, 4, 0	0, 3, 2	0, 4, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Isles generally the weather of the week continued to be of a rather unsettled type. Rain or snow fell in most places and at a number of stations "snow lying" was reported. The total amount of precipitation for the week was in excess of the normal in England N.W., but in most of the other Districts it was below normal. Among the largest measurements recorded were 15mm. at Buxton and 16mm. at Rothesay (Bute) on December 30th, 15mm. at Blackpool and Lancaster, 16mm. at Hawarden Bridge, Hoylake and Southport, and 17mm. at Achnashellach (Ross-shire), Dumfries and Liverpool on the 31st., while falls of 17mm. at Mallarany (Mayo) on January 2nd, 19mm. at Guernsey and 20mm. at Markree Castle (Sligo) on the 3rd were measured. The mean temperature for the week was below the normal at several of the east and south-east coast stations, but in most other parts it was above normal. The highest temperatures of the week occurred on various dates and in some places maxima above 50°F. were recorded, the actual highest readings, 55°F., being recorded at Cardiff on January 1st, and at Killarney on the 5th. The lowest of the screen minima were registered during the latter half of the week over the country generally, and at a few stations readings between 20°F. and 25°F. occurred. Ground frosts were general and in some parts of our Islands the readings of the grass thermometer were decidedly low, the lowest being 13°F. at Tunbridge Wells on January 5th. Fog was reported at a number of places on various days during the week. The departure of the mean daily duration of sunshine from the normal for the week ranged from +0·9 hr. at Cockle Park and Guernsey to -1·2 hr. at Dublin (Phœnix Park). An aurora was seen at Aberdeen and Gordon Castle (Elgin) on January 3rd. A solar halo was observed at Clacton-on-Sea on December 31st. The Zodiacal Light was witnessed at Oxford on January 2nd and 3rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	47	1st	35	4th	44·3	39·6	42·0	+2·9	7	0·60	15	- 7
Orkneys	Deerness	160	p	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	50	31st	31	4th	46·9	39·0	43·1	+3·9	7	0·79	20	- 7
	Castlebay	37	t	50	31st	41	3rd	48·0	44·4	46·3	—	7	0·92	23	—
Caithness	Wick ... ¶	81	t	48	1st	32	4th	44·0	39·0	41·6	+3·6	3	0·37	9	- 4
Ross and Cromarty	Strathpeffer ¶	125	a	50	31st	27	30th	44·6	32·4	38·7	+1·7	5	0·37	9	- 7
	Achnashellach ¶	225	h	49	31st	31	4th	46·0	38·1	42·2	—	7	1·52	39	—
Inverness	Inverness	242	h	49	1, 5	30	4th	45·3	38·4	42·0	—	2	0·23	6	—
	Fort Augustus ¶	68	a	52	31st	26	4th	46·4	35·1	41·0	+3·4	5	0·41	10	- 17
	Onich ... ¶	48	h	50	1, 2	30	4th	47·1	37·9	42·7	—	7	1·39	35	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	49	5th	27	4th	44·9	36·4	40·8	+ 3·8	5	0·45	11	- 1
Elgin	Gordon Castle ¶	101	p	51	1st	31	4th	46·6	36·3	41·7	+ 3·8	4	0·42	11	- 2
Aberdeen	Aberdeen ... ¶	46	t	51	1st	29	4th	43·0	35·6	39·5	—	4	0·45	11	- 4
	Balmoral ... ¶	930	a	53	31st	16	30th	43·9	27·4	36·0	+1·9	4	0·21	5	- 11
Perth	Crieff ... ¶	478	p	54	1st	26	4th	44·0	32·9	38·7	+1·9	5	0·44	11	- 13
Forfar	Dundee	147	a	49	1st	26	30th	43·9	32·6	38·5	—	4	0·32	8	—
Fife	Inchkeith ... ¶	190	t	46	1, 2	31	4th	42·1	37·4	39·8	—	5	0·44	11	—
Midlothian	Edinburgh ...	441	p	49	1st	31	4th	44·3	37·3	40·9	+3·0	6	0·50	13	+ 2
Peebles	West Linton ¶	770	a	48	1st	22	4th	42·0	33·6	38·0	+4·0	6	0·83	21	—
Berwick	Marchmont ¶	498	a	49	1st	27	30th	42·7	33·3	38·2	+1·9	5	0·50	13	- 1
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	48	1st	34	3rd	45·7	38·7	42·3	—	7	1·29	33	—
Renfrew	Renfrew ... ¶	49	t	49	1st	25	4th	43·4	35·1	39·4	—	4	0·48	12	—
Bute	Rothesay ... ¶	200	p	49	31, 1	36	3rd	45·4	38·6	42·1	+2·8	7	1·34	34	+ 6
Ayr	Kilmarnock ¶	90	a	49	31st	29	3rd	47·1	35·9	41·7	+4·2	6	0·70	18	- 3
	Colmonell... ¶	170	a	48	1, 2, 5	36	4th	47·3	40·0	43·8	+4·8	5	1·05	27	- 1
Dumfries	Dumfries ... ¶	140	p	49	1st	30	3, 4	42·9	33·7	38·5	+0·8	6	1·19	30	+11
	Eskdalemuir ...	794	t	52	1st	24	4th	40·7	33·0	37·0	—	6	1·26	32	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	0·6	—	9	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	0·3	- 0·5	4	—	—	—	—	—	—
Castlebay ..	0·5	—	7	—	—	—	—	—	—
Achnashellach	—	—	—	4	23	—	—	—	—
Inverness §	1·0	—	14	1	26	—	—	—	—
Onich ...	0·0	—	0	2	22	—	—	—	—
Nairn §	1·5	—	23	—	—	—	—	—	—
Gordon Castle	1·0	—	15	—	—	—	—	—	—
Aberdeen §	1·5	+0·4	22	2	22	—	—	39·6	- 1·1
Balmoral	—	—	—	5	14	—	—	—	—
(Kinc), Crathes§	—	—	—	—	—	—	—	—	—
Dundee §	1·7	—	25	3	23	34·1	—	—	—
Inchkeith ...	1·4	—	21	—	—	—	—	—	—
Edinburgh §	1·2	- 0·1	17	1	24	—	—	—	—
West Linton	—	—	—	2	20	—	—	—	—
Marchmont §	1·5	+0·5	22	—	—	—	—	—	—
Ford ..	—	—	—	2	25	38·3	—	41·3	—
Renfrew .	0·7	—	10	3	21	—	—	—	—
Rothesay §	0·7	+0·1	9	1	30	39·3	—	42·0	- 0·9
Kilmarnock ..	0·6	—	8	—	—	38·2	—	41·9	—
Colmonell ..	—	—	—	0	31	—	—	—	—
Dumfries	0·8	—	11	3	24	36·8	- 1·9	40·7	- 0·8
Eskdalemuir §	0·7	0·0	10	2	24	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
6b. ISLE OF MAN.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
I. of Man	Douglas ... ¶	284	h	49	31, 1	37	3rd	46·7	41·7	44·3	+3·6	6	1·02	26	+ 3
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	50	1st	28	4th	43·0	34·1	38·7	+2·2	3	0·24	6	− 11
	Tynemouth ¶	118	t	50	1st	28	4th	43·3	35·9	39·8	+1·4	3	0·29	7	− 6
Durham	Durham ... ¶	336	p	51	1st	24	4th	43·0	32·6	38·0	+1·1	3	0·33	8	− 4
York,	Rounton ... ¶	249	p	50	1st	24	5th	42·4	31·7	37·3	+0·4	3	0·12	3	− 10
N. Riding	West Witton ...	605	a	48	31, 1	25	4th	42·9	32·0	37·7	—	3	0·40	10	—
	Scarborough ¶	118	h	50	1st	31	5th	43·0	35·9	39·6	+1·1	3	0·32	8	− 7
	York ... ¶	56	p	50	1st	26	4th	41·1	34·0	37·7	− 0·1	3	0·28	7	− 6
E. Riding	Spurn Head ¶	26	t	45	2nd	32	31, 5	39·3	34·4	37·0	− 1·5	4	0·51	13	+ 2
Lincoln	Lincoln ... ¶	58	a	49	1st	25	4th	42·3	31·9	37·3	+0·2	4	0·25	6	− 7
	Cranwell ... ¶	237	t	49	2nd	25	4th	41·3	34·0	37·8	+0·7	3	0·37	9	− 4
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	46	2nd	28	31, 5	39·9	33·8	37·0	− 1·0	4	0·30	7	− 4
	Yarmouth ¶	13	t	44	1st	27	5th	39·0	33·6	36·4	− 1.4	5	0·51	13	0
	Norwich ... ¶	93	a	46	1, 2	25	31st	40·4	32·3	36·5	− 0·9	5	0·39	10	− 5
	Geldeston ... ¶	37	a	46	2nd	26	5th	40·5	31·9	36·4	− 1·6	5	0·17	4	− 9
Cambridge	Cambridge ¶	41	p	50	2nd	24	4th	42·4	33·0	37·9	+0·3	4	0·48	12	+ 1
Hertford	Rothamsted ¶	420	a	48	2nd	25	4th	41·9	32·3	37·3	0·0	4	0·48	12	− 3
Middlesex	Tottenham ¶	51	p	51	2nd	26	5th	45·3	35·3	40·5	—	3	0·28	7	—
Essex	Clacton-on-Sea ¶	54	t	48	1st	31	5th	40·6	35·3	38·1	+0·1	4	0·38	10	0
	Southend	90	h	49	1st	28	5th	41·4	32·9	37·3	—	4	0·46	12	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	50	1st	27	5th	42·1	32·1	37·3	+0·7	3	0·35	9	− 9
W. Riding	Sheffield	429	p	50	1st	28	4th	43·7	36·0	40·0	—	4	0·52	13	− 6
Derby	Buxton	987	p	46	2nd	25	4th	41·3	34·6	38·1	+2·8	5	1·33	34	+ 2
Nottingham	Worksop(Hods'ck)¶	56	a	51	1st	25	4th	43·4	32·0	37·9	+0·5	3	0·41	10	− 3
	Nottingham ¶	82	t	50	1st	28	4th	41·7	36·4	39·2	+1·6	3	0·38	10	− 2
Warwick	Birmingham (Edg)¶	525	t	47	1, 2	28	4th	43·4	36·1	39·9	+2·2	4	0·81	21	+ 6
Northampton	Oundle ... ¶	147	a	49	2nd	22	4th	42·1	31·4	37·0	—	2	0·29	7	—
Oxford	Oxford ... ¶	208	p	50	1st	26	4th	44·6	36.3	40·6	+2·2	3	0·49	12	− 1
Stafford	Cheadle ... ¶	646	a	47	1st	28	5th	42·0	33·4	37·9	+1·5	4	0·79	20	+ 2
Worcester	Tenbury ... ¶	313	p	53	1st	33	4th	46·3	37·9	42·3	+3·6	5	0·60	15	+ 3
	Malvern	377	h	—	—	—	—	—	—	—	—	—	—	—	—
Hereford	Hereford ... ¶	291	a	52	31st	33	5th	46·9	37·9	42·6	+4·6	3	0·40	10	− 6
Gloucester	Clifton ... ¶	225	a	50	31, 1	31	30th	45·9	37·7	42·0	+2·3	6	0·51	13	− 8
5. ENGLAND, S.E.															
London	Westminster ...	27	a	50	1st	28	4th	44·7	34·6	39·9	− 0·1	3	0.29	7	− 3
	Greenwich ‡ ...	149	a	49	31, 1	26	4, 5	43·1	33·3	38·4	− 0·4	3	0·29	7	− 3
	Hampstead ...	450	a	47	1, 2	28	4th	42·0	34·1	38·2	—	5	0·40	10	—
	Camden Square ...	110	a	49	31, 1,2	28	4th	44·1	34·1	39·3	+0·2	4	0·35	9	− 2
Surrey	Richmond(Kew O)¶	18	t	50	1, 2	26	4th	43·2	35·9	39·7	+0·6	3	0·43	11	0
	Wisley ... ¶	150	a	49	31, 1, 2	26	4th	44·3	33·1	38·9	+0·3	4	0·45	11	0
Kent	Tunbridge Wells ¶	354	h	49	1, 2	25	4th	42·3	32·7	37·7	− 0·6	4	0·54	14	0
	Margate ... ¶	51	h	46	2nd	29	31, 5	40·3	34·4	37·5	− 2·2	4	0·26	7	− 3
	Dungeness ¶	21	t	49	1st	28	4th	43·0	35·0	39·2	− 0·7	4	0·24	6	− 6
Sussex	St. Leonards ¶	178	h	50	1st	28	5th	44·0	35·6	40·0	− 0·1	4	0·35	9	− 5
	Worthing... ...	36	h	50	1, 2	29	4, 5	44·0	35·3	39·8	—	3	0·29	7	—
I. of Wight	Ventnor ... ¶	59	a	51	1st	37	30th	47·4	39·6	43·7	+1·5	5	0·52	13	− 3
Hampshire	Southampton ¶	64	p	52	3rd	29	4th	47·1	36·6	42·1	+1·7	5	0·63	16	− 1
Wiltshire	Marlborough ¶	424	a	51	1st	26	30th	44·3	33·0	38·9	+1·2	4	0·63	16	0
	Porton ... ¶	363	a	51	1st	27	30th	45·9	33·4	39·9	—	4	0·59	15	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	47	31, 1	30	4th	44·3	36·6	40·6	+2·6	7	0·89	23	+ 2
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	375	a	46	31, 2	27	4th	42·0	33·4	37·9	0·0	6	0·86	22	− 4
	Blackpool... ¶	66	h	47	2nd	30	4th	44·3	38·0	41·3	+2·4	5	1·14	29	+12
	Southport ¶	37	h	47	2nd	31	4th	43·6	38·1	41·0	+2·1	5	1·32	34	+18
Manchester	Whitworth Pk. ¶	125	p	48	1, 2	27	4th	44·4	37·0	40·9	+1·7	6	0·82	21	+ 5
Cheshire	Liverp'l (Bidston)¶	189	a	49	2nd	33	30th	45·6	38·9	42·4	+2·8	4	1·09	28	+14
Flint	Hawarden Bridge¶	22	a	52	2nd	35	30th	48·6	40·0	44·5	+4·3	3	0·98	25	+13
7b. NORTH WALES.															
Carnarvon	Llandudno ¶	22	h	50	2nd	37	4th	47·6	42·4	45·1	+3.5	5	0·78	20	+ 4
Anglesey	Holyhead ... ¶	26	t	49	30,31.1	40	4th	47.0	44·3	45·7	+3·6	6	0·41	10	− 10
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	48	1, 2	38	5th	46·4	42·0	44·3	—	5	0·58	15	—
Pembroke	St. Ann's Hd. ¶	149	t	50	1st	43	3, 4	48·3	44·7	46·6	+3·5	6	0·52	13	− 9
Radnor	Rhayader... ¶	757	a	49	2nd	28	30th	45·0	37·7	41·5	—	6	0·30	8	—
Glamorgan	Cardiff ... ¶	202	p	55	1st	34	4, 5	47·7	38·6	43·3	+4·0	4	0·31	8	− 16
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	52	1st	28	30th	46·0	38·3	42·3	+2·7	4	0·80	20	+ 4
Dorset	Shaftesbury ¶	722	a	47	1st	32	30th	43·7	35·7	39·9	+1·9	6	0·58	15	− 2
	Portland Bill ¶	19	t	52	1st	42	4th	48·0	44·1	46·1	+3·2	4	0·51	13	− 2
Devon	Arlington ... ¶	613	a	49	31st	31	30th	46·0	38·4	42·4	+2·8	5	0·82	21	− 10
	Cullompton ¶	202	a	52	1st	28	30th	48·6	37·1	43·1	+3·1	4	0·39	10	− 11
	Plymouth... ¶	116	p	52	30th	39	3, 4	49·4	42·9	46·3	+3·6	4	0·28	7	− 15
Cornwall	Newquay	190	h	50	30th	42	5th	48·1	45·0	46·6	+2·7	4	0·34	9	− 11
	Falmouth... ¶	167	h	51	30, 31	40	3rd	48·7	44·1	46·5	+2·7	3	0·30	7	− 22
9. IRELAND, N.															
Donegal	Malin Head ¶	71	t	49	30, 2, 5	39	3rd	48·1	43·1	45·7	+4·7	6	0·35	9	− 8
Mayo	Blacksod Point ¶	10	t	50	30, 1, 4	36	3rd	49·0	42·1	45·7	+3·0	7	0·50	13	− 18
	Mallaranny ...	120	a	52	3rd	38	3rd	50·4	44·6	47·6	—	3	1·49	38	—
Sligo	Markree Castle ¶	122	p	52	31, 1	35	3rd	50·4	42·7	46·7	+7·2	6	1·15	29	+ 5
Armagh	Armagh ... ¶	204	p	50	31, 1	33	3rd	48·1	41·1	44·7	+5·4	6	0·36	9	− 7
Down	Donaghadee ¶	35	t	50	31, 1	34	3rd	47·9	42·3	45·2	+4·7	6	0·93	24	+ 8
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	51	31, 1, 4	36	3rd	49·6	42·9	46·4	+4·6	4	0·32	8	− 6
King's County	Birr Castle ¶	175	t	51	4th	34	3rd	49·3	43·1	46·3	+6·4	4	0·54	14	− 4
Kilkenny	Kilkenny ... ¶	195	a	52	1st	29	3rd	50·3	37·3	44·1	+4·1	3	0·42	11	− 9
Waterford	Waterford ¶	137	a	52	31, 1	36	30th	50·7	41·0	46·0	+4·4	3	0·44	11	− 13
	Seskin, Carrick-on-Suir	542	p	51	31, 1	34	30th	49·6	40·3	45·1	—	4	0·55	14	—
Limerick	Foynes ... ¶	50	a	52	31, 4	38	3rd	50·7	43·4	47·2	+5·2	5	0·56	14	− 11
Kerry	Cahirciveen ¶	30	t	52	31, 4	44	3rd	50·7	47·6	49·2	+4·7	7	0·42	11	− 25
	Killarney ... ¶	174	a	55	5th	37	3rd	51·6	44·1	48·0	+5·2	4	0·36	9	− 30
Cork	Roche's Point ¶	32	t	52	31st	37	3rd	50·4	45·4	48·0	+4·3	2	0·18	5	− 23
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	51	30th	44	3rd	49·4	46·0	47·8	+1·7	6	0·32	8	− 12
Guernsey	Grange ... ¶	173	p	51	30, 1, 2	36	5th	49·4	43·4	46·5	+2·7	4	0·95	24	+ 5
Jersey	St. Aubins ¶	25	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%	°F		°F.	°F.	°F.	°F.
Douglas §	0·6	− 0·7	8	0	31	—	—	—	—
Cockle Park §	2·1	+0·9	29	3	19	36·6	− 0·5	38·5	− 1·9
Tynemouth ..	—	—	—	1	27	—	—	—	—
Durham §	1·8	+0·7	25	2	18	—	—	—	—
Rounton ..	—	—	—	4	15	35·7	—	—	—
West Witton	—	—	—	4	20	35·2	—	39·3	—
Scarborough †§	1·2	+0·2	15	3	28	—	—	39·4	—
York §	0·8	+0·1	11	—	—	37·1	− 2·5	40·9	− 2·1
Spurn Head ..	0·9	—	12	—	—	—	—	—	—
Lincoln ..	—	—	—	4	25	36·0	− 2·3	39·5	− 3·1
Cranwell §	1·2	0·0	15	3	21	—	—	—	—
Skegness §	1·3	− 0·1	16	—	—	—	—	—	—
Cromer §	1·0	− 0·5	13	—	—	—	—	—	—
Yarmouth §	0·7	—	9	5	23	38·0	− 2·3	40·9	− 3·7
Norwich ..	0·8	—	10	5	20	34·5	—	—	—
Geldeston §	0·6	− 0·9	8	—	—	—	—	—	—
Cambridge §	0·9	− 0·4	12	4	21	38·4	− 1·5	41·6	− 2·4
Rothamsted §	1·3	− 0·1	17	3	19	37·9	—	—	—
Tottenham §	0·5	—	6	—	—	—	—	—	—
Clacton-on-Sea §	0·6	− 1·0	8	3	24	38·1	− 3·0	41·9	− 3·4
Southend ..	0·8	—	11	3	25	38·2	—	—	—
Harrogate §	1·5	+0·2	20	4	19	37·0	− 2·3	39·6	− 1·6
Sheffield §	1·6	+0.4	21	3	22	36·8	− 2·2	39·9	− 3·1
Buxton ...	0·5	—	7	2	30	35·8	− 2·6	38·7	− 3·6
Worksop §	0·6	− 0·3	8	5	18	35·9	—	39·7	—
Nottingham §	0·3	− 0·6	4	3	26	36·6	− 1·8	38.7	− 2·6
Birmingham §	1·1	+0·2	14	2	17	40·6	− 0·3	44·1	− 1·1
Oundle ...	0·9	—	12	2	20	37·8	—	41·9	—
Oxford §	0·9	− 0·5	12	3	21	—	—	—	—
Cheadle ...	—	—	—	3	20	—	—	—	—
Tenbury ...	—	—	—	1	28	40·4	—	—	—
Malvern... ...	—	—	—	—	—	—	—	—	—
Ross on Wye §	1·8	—	23	2	29	40·8	—	42·9	—
Clifton §	2·1	—	27	1	30	—	—	—	—
Westminster	0·5	− 0·1	6	4	23	—	—	—	—
Greenwich ..	0·9	− 0·2	11	3	20	—	—	—	—
Hampstead ..	0·7	—	9	4	17	—	—	—	—
Camden Square	—	—	—	3	25	39·3	—	43·1	—
Richmond § (Kew Obs.)	1·4	+0.2	18	2	21	38·8	− 1·6	43·0	− 1·8
Wisley §	1·2	− 0·3	15	4	16	39·8	− 1·0	42·8	− 1·6
Tunbridge W'ls§	1·4	0·0	18	5	13	39·9	—	43·2	—
Margate §	0·9	− 0·6	11	2	24	39·4	− 2·7	43·1	− 2·0
Folkestone §	0·8	—	10	3	22	—	—	44·6	—
St. Leonards §	1·2	− 0·5	15	4	22	39·9	—	43·8	—
Worthing §	1·6	− 0·2	20	3	22	41·3	− 0·3	45·2	− 0·7
Ventnor §	1·5	− 0·2	18	—	—	—	—	—	—
Southampton §	2·0	+0·4	25	3	27	—	—	—	—
Marlborough §	1·0	− 0·2	13	4	27	40·5	—	43·8	—
Porton	2·0	—	25	4	23	40·2	—	—	—
Aspatria §	0·8	− 0·3	11	1	27	40·1	+0·1	42·2	− 1·3
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	0·5	− 0·3	7	2	24	—	—	—	—
Blackpool §	0·9	− 0·2	12	1	25	40·0	—	43·9	—
Southport §	1·1	0·0	14	1	29	38·6	+0·2	39·7	− 1·9
Whitworth Pk.	0·0	− 0·4	0	—	—	—	—	—	—
Oldham Road	0·0	− 0·2	0	1	29	38·5	− 0·8	41·5	− 2·2
Bidston ..	1·2	—	15	3	29	—	—	—	—
(Ches.)Hoylake§	1·1	− 0·2	14	—	—	—	—	—	—
Llandudno §	0·9	− 0·4	12	—	—	—	—	—	—
Holyhead ..	0·6	—	7	0	33	—	—	—	—
Aberystwyth§	0·6	− 0·9	7	—	—	—	—	—	—
St. Ann's Hd.§	0·5	− 1·0	6	—	—	—	—	—	—
Rhayader §	1·4	—	18	1	28	—	—	—	—
Cardiff ...	2·1	—	26	1	30	41·4	+0·2	44·0	− 0·9
Bath .. §	1·1	− 0·3	14	—	—	41·6	—	43·9	—
Shaftesbury ..	—	—	—	—	—	—	—	43·7	—
Weymouth ..	2·4	—	29	—	—	—	—	—	—
Cullompton §	1·7	+0·3	21	3	22	43·9	—	—	—
Plymouth §	1·3	− 0·3	17	0	35	44·7	+1·2	46·9	—
Newquay §	0·9	− 0·8	11	—	—	46·4	—	47·5	—
Falmouth §	1·2	− 0·6	14	0	34	45·8	—	47·0	—
Malin Head ..	0·4	—	5	—	—	—	—	—	—
Mallaranny ..	0·8	—	11	—	—	—	—	—	—
Markree Castle§	—			0	31	43·8	+2·0	45·0	− 0·2
Armagh §	0·7	− 0·6	10	0	31	42·0	+1·1	43·3	− 0·9
Trinity Coll.	—	—	—	1	30	43·3	+1·4	44·2	− 0·7
Phœnix Park §	0·4	− 1·2	5	1	30	—	—	—	—
Dublin City ..	—	—	—	0	32	—	—	—	—
Birr Castle §	1·0	− 0·5	12	1	25	—	—	—	—
Seskin ..	1·2	—	16	0	32	—	—	—	—
Cahirciveen (Valencia O.)§	1·0	− 0·3	13	0	36	—	—	—	—
Ballinacurra §	0·7	− 0·9	8	—	—	—	—	—	—
St. Mary's §	0·9	− 0·9	11	—	—	—	—	—	—
Grange §	2·7	+0·9	34	0	33	45·2	+0·1	47·2	− 0·8
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, January 5th, 1924

District. County & Station.	Height: Above Mean Sea Level.	Height: Above Ground	Height: Above Building.	Distribution of Wind ‡‡: More than 38 m.p.h.: Dates of Occurrence.	More than 38 m.p.h.: Duration.	25 to 38 m.p.h.: Dates of Occurrence.	25 to 38 m.p.h.: Duration.	13 to 24 m.p.h.: Duration.	4 to 12 m.p.h.: Duration.	Less than 4 m.p.h.: Duration.	No Record: Duration.	Extreme Velocities. Highest Hourly Wind: Veer from N.	Highest Hourly Wind: Speed. m.p.h	Highest Hourly Wind: Speed. m/s.	Highest Hourly Wind: Mid Time. d hr.	Highest Gust: Speed m.p.h	Highest Gust: Speed m/s	Highest Gust: Time. d h m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d hr.	m.p.h	m/s	d h m.
0. SCOTLAND, N.																		
Shetlands Lerwick ...	310	42	‡	30	8	30, 31	19	77	57	7	0	160	42	19	30 9	56	25	30 8 45
Orkneys **Deerness (Cup Anr.)	188	16	5	30	4	29, 30	21	43	84	16	0	140	40	18	30 9	—	—	— — —
1. SCOTLAND, E.																		
Aberdeen Aberdeen ...	72	42	‡	—	0	30	7	20	96	45	0	150	31	14	30 9	47	21	30 8 55
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	51	77	39	1	270	24	11	1 7	35	16	5 5 30
6a. SCOTLAND, W.																		
Renfrew Paisley ...	188	81	15	—	0	—	0	10	84	74	0	200	17	7	5 11	30	13	5 11 15
Dumfries Eskdalemuir ...	825	50	22	—	0	31, 5	6	21	89	50	2	300 / 210	28	12	31 24 / 5 10	39	17	31 23 55
2. ENGLAND, N.E.																		
Durham South Shields...	72	61	12	—	0	—	0	46	112	10	0	150	22	10	30 11	33	15	30 11 40
York, E.R. Spurn Head ...	67	41	‡	—	0	30	13	88	67	0	0	120	30	13	30 15	39	17	30 12 10
Lincoln Cranwell ...	280	43	31	—	0	—	0	17	(140)	(11)	0	130	15	7	30 10	18	8	30 10 0
3. ENGLAND, E.																		
Norfolk Gorleston ...	52	42	‡	—	0	30	6	51	94	17	0	110	30	13	30 14	38	17	30 12 55
Essex Shoeburyness...	103	90	‡	—	0	—	0	54	108	6	0	—	21	9	30 14	29	13	3 13 20
5. ENGLAND, S.E.																		
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	0	84	84	0	60	10	5	30 16	19	8	30 16 20
Kent Lympne ...	409	70	‡	—	0	—	0	40	127	1	0	100	21	9	30 16	29	13	30 15 50
Surrey Croydon ...	284	40	24	—	0	—	0	1	134	33	0	190	13	6	31 14	20	9	3 11 55
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	22	127	19	0	320	18	8	1 8	31	14	30 6 20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	42	104	20	2	320	17	8	1 10	28	13	1 21 15
Wiltshire Larkhill, S'y Plain ...	513	62	43	—	0	—	0	39	(122)	(7)	0	330	21	9	30 14	28	13	30 13 20
7a. ENGLAND, N.W.																		
Lancashire Fleetwood ...	109	44	12	—	0	1	3	34	122	9	0	300	32	14	1 3	40	18	1 3 15
Lancashire Southport ...	80	62	48	—	0	1	3	70	93	2	0	310	29	13	1 5	38	17	1 5 10
7b. NORTH WALES.																		
Anglesey Holyhead ...	64	45	‡	—	0	30, 31	2	116	45	5	0	280	27	12	31 24	37	17	31 23 55
8b. ENGLAND, S.W.																		
Devon Plymouth ...	185	88	2	—	0	—	0	56	99	13	0	—	20	9	1 10	36	16	1 10 5
Cornwall Pendennis Castle§ ..	253	65	24	—	0	30	1	53	60	3	51	—	25	11	30 8	41	18	30 9 25
10. IRELAND, S.																		
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	30, 31, 1, 2	31	61	64	12	0	270	33	15	30 11	—	—	— — —
Clare Quilty.. ...	100	40	‡	—	0	—	0	70	94	4	0	—	21	9	30 1	42	19	30 3 5
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	30	1	81	82	4	0	230	26	12	30 2	43	19	30 2 35
Cork Weaver Pt. ...	160	30	‡	—	0	5	1	49	103	15	0	—	25	11	5 24	36	16	5 23 30
11a. SCILLY ISLES.																		
Scilly St. Mary's	150	32	‡	—	—	—	—	—	—	—	—	—	—	—	— —	—	—	— — —

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	18	13	5·8	7	9	4·0	17	9	4·0	4	4	1·7	16	11	4·7	—	—	—	17	7	3·2	21	8	3·6
North	3	4	1·9	4	2	0·7	7	7	3·0	15	4	1·9	8	5	2·2	—	—	—	6	4	1·6	5	4	1·9
West	17	7	3·0	19	9	4·2	14	6	2·7	15	4	1·7	19	14	6·4	—	—	—	18	19	8·5	20	10	4·4
East	6	15	6·5	—	—	—	9	8	3·7	4	6	2·8	7	5	2·0	—	—	—	8	2	1·1	5	3	1·1
Calm (or wind-speed < 4 m.p.h.)	4	—	—	8	—	—	4	—	—	9	—	—	1	—	—	—	—	—	1	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	—	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 10th January, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased through any Bookseller or directly from H.M. STATIONERY OFFICE, at the following addresses:—IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2, and 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH.

FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 2.

SECOND WEEK.
SUNDAY, JANUARY 6TH TO SATURDAY, JANUARY 12TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

SECOND WEEK of 1924—January 6th to January 12th, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	49	18	39·9	32·8	36·5	− 1·1	0	− 5	39	+ 2	4	− 1	0·70	18	− 11	0·8	0·0	11	997
Eastern.																			
1. SCOTLAND, EAST ..	49	11	37·1	27·8	32·6	− 3·9	0	− 4	66	+24	5	+ 1	0·69	18	+ 5	1·0	− 0·1	14	1000
2. ENGLAND, N.E. ..	50	19	37·2	29·2	33·4	− 4·3	0	− 5	60	+25	4	0	0·50	13	+ 3	1·3	+0·1	17	1003
3. ENGLAND, EAST ..	52	23	40·1	31·0	35·7	− 1·6	0	− 6	44	+ 5	4	0	0·38	10	0	1·9	+0·3	23	1005
4. MIDLAND COUNTIES	51	15	39·5	29·1	34·5	− 2·6	0	− 7	53	+12	5	+ 1	1·00	25	+14	1·5	+0·2	19	1002
5. ENGLAND, S.E. ..	52	18	43·2	33·1	38·3	− 0·5	3	− 6	29	− 3	5	+ 1	0·57	14	+ 2	2·4	+0·8	29	1004
Western.																			
6. SCOTLAND, WEST[1] ..	47	20	39·7	30·8	35·4	− 3·6	0	− 7	46	+18	5	+ 1	1·61	41	+18	1·4	+0·2	18	1000
7. ENGLAND, N.W.[2] ..	55	22	40·6	32·1	36·5	− 2·5	0	− 8	39	+10	4	0	0·70	18	+ 3	1·7	+0·5	21	999
8. ENGLAND, S.W.[3] ..	52	20	44·4	34·8	39·8	− 0·6	7	− 6	22	− 2	6	+ 2	1·85	47	+28	1·1	− 0·5	14	999
9. IRELAND, NORTH ..	51	18	43·2	34·1	38·9	− 1·0	3	− 7	25	+ 1	6	+ 1	1·03	26	+ 6	1·3	+0·1	17	994
10. IRELAND, SOUTH ..	51	29	45·6	37·3	41·6	+0·2	10	− 6	13	− 7	7	+ 3	2·45	62	+39	0·7	− 0·8	9	993
11. CHANNEL ISLANDS[4]	52	34	48·0	40·0	44·1	+0·2	20	− 2	6	− 3	6	+ 1	1·78	46	+28	1·3	− 0·6	16	999
MEAN: DISTRICTS 1-10	55	11	41·1	31·9	36·7	− 2·0	2	− 6	40	+ 8	5	+ 1	1·08	27	+12	1·4	+0·1	18	1000

THE SEASON (Winter).—Aggregates, &c., for the Period of 6 Weeks, December 2nd, 1923, to January 12th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	55	18	42·4	34·7	38·7	+0·1	27	− 14	168	− 11	32	0	6·48	165	− 33	0·7	+ 0·1	11	1007
Eastern.																			
1. SCOTLAND, EAST ..	54	11	40·6	31·9	36·4	− 1·1	17	− 18	250	+28	30	+ 5	3·67	93	− 7	1·3	+ 0·3	20	1009
2. ENGLAND, N.E. ..	54	19	40·7	32·5	36·8	− 2·1	9	− 35	228	+52	22	− 2	2·86	72	− 3	1·6	+ 0·4	21	1012
3. ENGLAND, EAST ..	52	22	41·9	32·9	37·5	− 1·3	9	− 46	197	+ 7	25	0	2·90	73	− 2	1·4	0·0	18	1013
4. MIDLAND COUNTIES	53	15	42·9	32·7	38·1	− 0·5	24	− 33	189	− 12	25	0	3·54	90	+ 2	1·4	+ 0·2	19	1013
5. ENGLAND, S.E. ..	54	18	44·6	34·5	39·8	− 0·8	44	− 38	137	− 4	27	+ 3	3·39	86	− 12	1·7	+ 0·2	22	1014
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	43·1	34·2	38·9	− 1·1	37	− 22	169	+33	33	+ 5	7·22	183	+ 3	1·5	+ 0·5	21	1011
7. ENGLAND, N.W.[2] ..	56	16	43·6	35·8	39·9	− 0·3	36	− 29	125	− 15	30	+ 4	4·54	115	− 4	1·4	+ 0·4	18	1012
8. ENGLAND, S.W.[3] ..	55	20	46·4	37·6	42·2	+0·1	85	− 20	76	− 23	31	+ 3	5·56	142	− 16	1·6	+ 0·2	20	1014
9. IRELAND, NORTH ..	53	18	46·2	37·9	42·2	+1·3	85	+10	75	− 45	35	+ 4	5·41	136	+ 2	1·3	+ 0·1	18	1010
10. IRELAND, SOUTH ..	57	26	48·1	39·4	43·9	+1·3	127	+ 8	47	− 44	30	+ 1	5·88	148	− 8	1·2	− 0·3	15	1013
11. CHANNEL ISLANDS[4]	53	33	49·4	42·4	46·1	+0·5	177	− 5	8	− 24	33	+ 2	5·49	141	+ 4	1·8	0·0	22	1015
MEAN: DISTRICTS 1-10 ..	57	11	43·8	34·9	39·6	− 0·5	47	− 22	149	− 2	29	+ 2	4·50	114	− 5	1·4	+ 0·2	19	1012

THE YEAR. Aggregates, &c., for the Period of 2 Weeks December 30th, 1923, to January 12th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	52	18	42·7	35·1	39·1	+1·2	10	− 1	52	− 18	10	0	1·48	38	− 20	0·7	0·0	10	1005
Eastern.																			
1. SCOTLAND, EAST ..	54	11	40·4	30·9	35·9	− 0·8	5	− 4	91	+ 9	10	+ 2	1·16	30	+ 1	1·3	+ 0·2	18	1008
2. ENGLAND, N.E. ..	51	19	39·7	31·5	35·7	− 2·2	0	− 10	88	+20	7	− 1	0·80	20	− 3	1·3	+ 0·2	17	1011
3. ENGLAND, EAST ..	52	23	40·7	32·2	36·6	− 1·0	0	− 14	75	− 2	8	0	0·75	19	− 4	1·3	− 0·2	17	1013
4. MIDLAND COUNTIES	53	15	41·7	32·1	37·1	− 0·3	5	− 10	74	− 5	9	+ 1	1·50	38	+12	1·4	+ 0·2	18	1011
5. ENGLAND, S.E. ..	52	18	43·7	34·0	39·1	− 0·1	9	− 11	51	− 9	9	+ 1	1·03	26	0	1·8	+ 0·3	23	1013
Western.																			
6. SCOTLAND, WEST[1] ..	49	20	42·6	34·3	38·5	− 0·6	10	− 5	58	+ 3	11	+ 2	2·62	67	+16	1·0	0·0	14	1009
7. ENGLAND, N.W.[2] ..	55	22	43·0	35·5	39·4	+0·2	11	− 6	48	− 8	9	+ 1	1·58	40	+ 6	1·2	+ 0·1	16	1009
8. ENGLAND, S.W.[3] ..	55	20	45·7	37·5	41·8	+0·9	25	− 3	27	− 17	11	+ 2	2·33	59	+17	1·1	− 0·4	14	1010
9. IRELAND, NORTH ..	52	18	46·0	38·3	42·3	+2·1	29	+ 7	25	− 22	12	+ 2	1·67	42	+ 1	1·1	− 0·2	14	1006
10. IRELAND, SOUTH ..	55	29	48·0	40·2	44·3	+2·5	44	+10	13	− 24	11	+ 2	2·86	72	+21	0·8	− 0·7	10	1007
11. CHANNEL ISLANDS[4]	52	34	48·7	42·1	45·5	+1·2	54	+ 5	6	− 11	11	+ 1	2·52	65	+27	1·7	− 0·2	21	1011
MEAN: DISTRICTS 1-10 ..	55	11	43·1	34·7	39·1	+0·1	14	− 5	55	− 5	10	+ 1	1·63	41	+ 7	1·2	− 0·1	16	1010
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Moderate	Deficient	Moderate	Deficient	Deficient	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Moderate	Moderate	Moderate	Moderate	Heavy	Moderate	Heavy	Moderate	Heavy	Heavy	Very Heavy	Very Heavy
	Sunshine ..	Moderate	Moderate	Moderate	Moderate	Moderate	Abundant	Moderate	Abundant	Moderate	Moderate	Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 6 weeks from Dec. 2nd, 1923.	Warmth ..	2, 3, 1	2, 1, 3	0, 3, 3	0, 5, 1	0, 4, 2	0, 5, 1	1, 2, 3	1, 3, 2	1, 4, 1	2, 3, 1	2, 3, 1	2, 4, 0
	Rainfall ..	1, 3, 2	0, 5, 1	1, 4, 1	2, 3, 1	2, 3, 1	1, 4, 1	2, 4, 0	1, 4, 1	2, 2, 2	2, 3, 1	2, 1, 3	3, 1, 2
	Sunshine ..	1, 5, 0	3, 3, 0	3, 3, 0	0, 5, 1	2, 4, 0	1, 5, 0	4, 2, 0	4, 2, 0	2, 4, 0	1, 5, 0	0, 3, 3	0, 4, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather during the week in many parts of our Islands was of a very disturbed character, with very variable temperature. Snow fell in most parts of the country and in some places, including London (Hampstead) "snow lying" to a depth of between 5 and 6 inches was registered. Easterly and south-easterly gales occurred in several places, notably on the 8th. Some very low day temperatures were recorded on the 9th when at several stations temperature did not rise above 32°F. and in one or two places the maximum readings were as low as 26°F. or 27°F. Towards the end of the week, especially over England, there was a considerable rise in temperature, many stations recording maxima round about 50°F., the highest reading, 55°F., being registered at Llandudno on the 12th. The lowest of the screen minima occurred on various dates and in some parts readings below 20°F. were obtained, the lowest being 11°F. at West Linton (Peebles) on the 10th. Ground frosts were registered on several nights and among the lowest temperatures were 7°F. at Eskdalemuir on the 9th and 8°F. at West Linton on the 10th. The mean temperature for the week was below the normal in all Districts with the exception of Ireland S. and the Channel Islands where it was slightly above normal. The total amount of precipitation (rain or snow) for the week was in excess of the normal in nearly all parts of the country. Among the largest individual measurements were 29mm. at Plymouth on the 8th, 27mm. at Ross-on-Wye on the 11th, 32mm. at Killarney, 29mm. at Roche's Point on the 12th, 30mm. at Rhayader on the 11th and 28mm. on the 12th, while on the 8th and 12th Seskin (Carrick-on-Suir) had falls of 39mm. and 37mm. and Waterford 38mm. and 35mm. respectively. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·1 hr. in London (Greenwich) and at Margate to – 1·7 hr. at Falmouth. Solar halos were observed at Greenwich on the 10th and at Dublin on the 10th and 12th, while the observations at Oxford for the week included solar halos on the 7th, 9th, 10th and 11th, lunar halos on the 11th and 12th, parhelia on the 10th and 11th and the Zodiacal Light on the 6th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week in.	mm.	Deviation from Normal. mm.
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.				
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	*t*	45	6th	25	9th	40·4	35·0	37·8	– 0·7	4	0·56	14	– 8
Orkneys	Deerness ...	160	*p*	46	6th	26	9th	39·6	33·6	36·7	– 1·7	4	0·26	7	– 11
Hebrides	Stornoway ¶	51	*t*	49	6th	22	11th	41·1	35·3	38·3	– 0·4	6	1·20	30	+ 3
	Castlebay ...	37	*t*	47	6th	31	10th	42·6	38·7	40·7	—	4	0·30	8	—
Caithness	Wick ... ¶	81	*t*	45	6th	28	10th	39·3	35·0	37·2	– 0·2	5	0·63	16	+ 3
Ross and Cromarty	Strathpeffer ¶	125	*a*	47	6th	18	12th	38·7	27·6	33·4	– 3·2	3	0·66	17	+ 1
	Achnashellach ¶	225	*h*	49	6, 7	24	11th	39·7	32·4	36·2	—	3	0·37	9	—
Inverness	Inverness ...	242	*h*	47	6th	20	10th	37·3	30·6	34·1	—	3	0·46	12	—
	Fort Augustus ¶	68	*a*	47	6th	21	12th	40·3	31·0	35·8	– 1·3	3	0·65	17	– 10
	Onich ... ¶	48	*h*	49	7th	27	9, 10	39·9	33·0	36·6	—	4	0·81	21	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	46	6th	18	10th	36·6	30·1	33·5	– 3·1	4	0·32	8	– 2
Elgin	Gordon Castle ¶	101	*p*	49	6th	20	9th	39·0	28·7	34·1	– 3·4	3	0·24	6	– 5
Aberdeen	Aberdeen ... ¶	46	*t*	44	6th	24	11th	37·7	32·7	35·3	—	5	0·52	13	+ 1
	Balmoral ... ¶	930	*a*	42	6th	13	11, 12	34·9	22·6	29·0	– 4·7	6	0·87	22	+ 8
Perth	Crieff ... ¶	478	*p*	45	6th	18	10th	36·9	24·9	31·1	– 5·2	6	1·07	27	+ 6
Forfar	Dundee	147	*a*	43	6th	23	10, 11	38·0	28·9	33·6	—	5	0·85	22	—
Fife	Inchkeith ... ¶	190	*t*	43	6th	24	10th	38·1	32·9	35·6	—	5	0·47	12	—
Midlothian	Edinburgh ...	441	*p*	45	6, 12	19	9th	39·0	28·1	33·8	– 3·6	5	0·89	23	+14
Peebles	West Linton ¶	770	*a*	44	12th	11	10th	38·1	25·4	32·0	– 1·6	6	1·01	26	—
Berwick	Marchmont ¶	498	*a*	42	6th	16	10th	35·4	25·0	30·4	– 5·4	5	1·04	26	+14
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	*a*	44	6th	22	9th	40·0	30·9	35·6	—	4	1·12	28	—
Renfrew	Renfrew ... ¶	36	*t*	45	6th	20	11th	37·7	29·1	33·6	—	5	1·28	32	—
Bute	Rothesay ... ¶	200	*p*	46	6th	26	9, 10	40·4	33·1	36·9	– 2·4	7	1·68	43	+20
Ayr	Kilmarnock ¶	90	*a*	44	6th	22	11th	40·4	29·6	35·2	– 2·1	4	1·79	45	+28
	Colmonell... ¶	170	*a*	45	11, 12	25	10th	40·3	30·9	35·8	– 2·9	6	2·22	56	+34
Dumfries	Dumfries ... ¶	140	*p*	47	12th	21	10th	38·6	27·9	33·5	– 4·2	4	1·48	37	+22
	Eskdalemuir ...	794	*t*	41	7th	17	10, 11	34·1	25·3	29·9	—	5	1·26	32	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Lerwick ..	0·3	—	5	—	—	—	—	—	—
Deerness §	0·1	– 0·8	2	—	—	—	—	—	—
Stornoway §	0·6	– 0·3	9	—	—	—	—	—	—
Castlebay ..	0·6	—	8	—	—	—	—	—	—
Achnashellach	—	—	—	4	14	—	—	—	—
Inverness §	1·6	—	23	4	14	—	—	—	—
Onich ...	0·7	—	10	4	20	—	—	—	—
Nairn §	1·2	—	17	—	—	—	—	—	—
Gordon Castle	1·3	—	19	—	—	—	—	—	—
Aberdeen §	0·6	– 0·7	9	4	19	—	—	39·6	– 0·6
Balmoral	—	—	—	5	10	—	—	—	—
(Kinc). Crathes§	—	—	—	—	—	35·9	—	39·0	—
Dundee §	0·8	—	11	5	18	34·9	—	—	—
Inchkeith ...	1·2	—	17	—	—	—	—	—	—
Edinburgh §	1·4	+0·1	19	4	15	—	—	—	—
West Linton	—	—	—	6	8	—	—	—	—
Marchmont §	1·0	– 0·1	14	—	—	—	—	—	—
Ford ..	—	—	—	5	21	38·1	—	40·9	—
Renfrew .	0·7	—	9	5	15	—	—	—	—
Rothesay §	1·4	+0·5	19	4	24	38·1	—	42·0	– 0·5
Kilmarnock ..	1·8	—	24	—	—	37·6	—	41·9	—
Colmonell ..	—	—	—	5	21	—	—	—	—
Dumfries ..	1·3	—	17	5	14	36·6	– 1·5	40·8	– 0·4
Eskdalemuir §	1·0	0·0	13	6	7	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	44	12th	29	9, 10	40·4	34·3	37·5	− 3·1	6	1·70	43	+25
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	40	12th	19	10th	34·9	25·7	30·5	− 5·9	3	0·60	15	+ 2
	Tynemouth ¶	118	t	42	12th	29	10th	36·7	31·7	34·3	− 4·0	4	0·30	8	− 2
Durham	Durham ... ¶	336	p	42	12th	21	10th	34·7	25·9	30·5	− 6·2	4	0·58	15	+ 5
York,	Rounton ... ¶	249	p	44	12th	21	9, 10	37·4	27·6	32·7	− 4·0	4	0·63	16	+ 6
N. Riding	West Witton ...	605	a	48	12th	18	10th	37·3	27·0	32·4	—	5	1·45	37	—
	Scarborough ¶	118	h	48	12th	30	9th	38·9	32·1	35·6	− 2·8	4	0·53	13	+ 1
	York ... ¶	56	p	45	12th	24	10th	37·9	29·6	33·9	− 3·7	4	0·53	13	+ 3
E. Riding	Spurn Head ¶	26	t	44	12th	31	9, 10	37·3	33·3	35·4	− 2·8	3	0·54	14	+ 6
Lincoln	Lincoln ... ¶	58	a	50	11, 12	27	10th	39·7	29·7	34·9	− 2·0	4	0·39	10	0
	Cranwell ... ¶	236	t	50	12th	22	10th	37·6	27·6	32·8	− 4·0	4	0·42	11	+ 1
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	50	12th	28	6, 9	41·4	30·6	36·2	− 1·2	4	0·39	10	+ 2
	Yarmouth ¶	13	t	50	12th	28	9th	39·3	32·1	35·8	− 1·5	2	0·24	6	− 4
	Norwich ... ¶	93	a	50	11, 12	27	6, 9	40·1	29·6	35·1	− 1·8	5	0·38	10	− 1
	Geldeston ... ¶	37	a	50	12th	27	9th	40·6	30·9	35·9	− 1·7	2	0·21	5	− 4
Cambridge	Cambridge ¶	41	p	51	12th	27	6, 9	39·7	30·7	35·4	− 1·8	4	0·38	10	+ 2
Hertford	Rothamsted ¶	420	a	50	11th	23	9th	40·1	27·4	34·0	− 2·8	6	0·64	16	+ 5
Middlesex	Tottenham ¶	51	p	52	12th	26	9th	41·0	32·6	37·0	—	3	0·67	17	—
Essex	Clacton-on-Sea ¶	55	t	48	12th	29	9th	38·9	34·0	36·6	− 0·8	3	0·14	4	− 3
	Southend	90	h	50	12th	26	9th	42·7	30·7	36·9	—	3	0·36	9	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	47	12th	19	10th	35·3	26·3	31·0	− 5·1	5	0·88	22	+ 9
W. Riding	Sheffield	429	p	48	12th	25	9, 10	37·6	29·7	33·8	—	5	0·95	24	+10
Derby	Buxton	987	p	44	12th	17	10th	35·0	26·7	31·0	− 3·7	4	1·11	28	+ 5
Nottingham	Worksop(Hods'ck)¶	56	a	50	12th	22	8th	40·0	27·7	34·1	− 2·7	6	0·62	16	+ 7
	Nottingham ¶	82	t	47	12th	25	10th	37·4	30·1	33·9	− 3·1	5	0·57	15	+ 6
Warwick	Birmingham (Edg)¶	525	t	48	12th	24	10th	37·9	31·0	34·6	− 2·5	6	0·89	23	+13
Northampton	Oundle ... ¶	147	a	50	11th	25	8, 10	39·9	28·1	34·2	—	5	0·37	9	—
Oxford	Oxford ... ¶	208	p	51	12th	24	9th	41·9	32.3	37·3	− 0·5	6	0·89	23	+14
Stafford	Cheadle ... ¶	646	a	47	12th	18	10th	36·9	26·4	31·9	− 4·0	5	0·82	21	+ 8
Worcester	Tenbury ... ¶	313	p	49	12th	15	10th	40·3	29·1	34·9	− 3·2	6	1·68	43	+34
	Malvern	377	h	45	12th	23	10th	38·9	31·1	35·2	—	5	0·51	13	—
Hereford	Hereford ... ¶	291	a	48	11, 12	16	10th	41·7	27·9	35·1	− 2·2	4	1·80	46	+34
Gloucester	Clifton ... ¶	225	a	50	11, 12	24	10th	44·0	32·3	38·4	− 0·6	6	1·44	37	+22
5. ENGLAND, S.E.															
London	Westminster ...	27	a	52	12th	27	9th	44·0	32·3	38·4	− 0·8	4	0·56	14	+ 5
	Greenwich ‡ ...	149	a	52	12th	27	6, 7 10	42·9	30·3	36·9	− 1·2	4	0·57	14	+ 5
	Hampstead ...	450	a	51	12th	24	9th	40·1	31·0	35·7	—	5	0·71	18	—
	Camden Square ...	110	a	51	12th	26	9, 10	42·9	29·7	36·6	− 1·8	5	0·56	14	+ 4
Surrey	Richmond (Kew O)¶	18	t	52	12th	28	9th	41·2	32·9	37·2	− 1·2	5	0·48	12	+ 2
	Wisley ... ¶	150	a	51	12th	28	9, 10	43·7	31·7	37·9	+0·1	6	0·48	12	+ 2
Kent	Tunbridge Wells ¶	354	h	51	12th	28	6, 7, 9	41·7	31·7	36·9	− 0·5	5	0·50	13	+ 1
	Margate ... ¶	51	h	52	12th	29	6, 9	42·3	33·0	37·8	− 1·1	4	0·34	9	0
	Dungeness ¶	21	t	48	12th	32	9, 10	42·6	36·6	39·7	+0·7	4	0·49	12	+ 1
Sussex	St. Leonards ¶	178	h	49	12th	30	9, 10	42·7	36·0	39·5	+0·3	5	0·75	19	+ 6
	Worthing... ...	36	h	50	12th	30	9, 10	44·2	36·6	40·6	—	4	0·52	13	—
I. of Wight	Ventnor ... ¶	59	a	50	12th	29	10th	46·3	36·9	41·8	+0·5	6	0·56	14	0
Hampshire	Southampton ¶	64	p	51	12th	25	10th	44·4	34·0	39·4	− 0·3	6	0·48	12	− 3
Wiltshire	Marlborough ¶	424	a	50	11th	20	10th	43·3	29·0	36·4	− 0·6	6	0·82	21	+ 7
	Porton ... ¶	363	a	50	11, 12	18	10th	43·7	29·1	36·7	—	6	0·80	20	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	48	12th	22	10th	39·6	29·4	34·7	− 3·0	3	0·76	19	+ 2
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	48	12th	24	10th	38·3	29·4	34·0	− 3·5	5	0·61	15	− 7
	Blackpool... ¶	66	h	48	12th	25	10th	38·4	31·7	35·2	− 3·2	4	0·59	15	+ 1
	Southport ¶	37	h	48	12th	25	10th	38·5	31·5	35·1	− 3·3	4	0·49	13	0
Manchester	Whitworth Pk. ¶	125	p	47	12th	26	10th	39·6	31·7	35·8	− 3·0	4	0·54	14	+ 1
Cheshire	Liverp'l (Bidston)¶	189	a	49	11, 12	26	10th	40·4	30·9	35·8	− 3·3	5	0·37	9	− 2
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	51	12th	24	10th	43·6	32·9	38·5	− 1·2	5	0·56	14	+ 5
Carnarvon	Llandudno ¶	22	h	55	12th	25	10th	41·9	33·9	38·1	− 3.1	4	0·73	19	+ 6
Anglesey	Holyhead ... ¶	26	t	47	7th	29	10th	42·7	36·9	39·9	− 1·7	5	1·46	37	+21
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	54	12th	28	10th	46·1	35·3	40·9	—	5	0·97	25	—
Pembroke	St. Ann's Hd. ¶	150	t	49	12th	30	9th	44·7	38·4	41·7	− 0·5	7	2·56	65	+47
Radnor	Rhayader... ¶	757	a	50	12th	20	10th	42·3	30·4	36·6	—	7	2·78	71	—
Glamorgan	Cardiff ... ¶	202	p	51	12th	22	10th	43·0	32·4	37·9	− 0·5	6	1·75	44	+25
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	52	12th	23	10th	42·4	32·9	37·8	− 1·0	6	0·84	21	+ 8
Dorset	Shaftesbury ¶	722	a	49	11th	21	10th	43·1	30·6	37·1	0·0	6	1·09	28	+14
	Portland Bill ¶	19	t	50	11, 12	31	10th	45·7	38·9	42·4	+0·6	6	1·20	31	+19
Devon	Arlington ... ¶	613	a	51	12th	24	10th	44·3	32·8	38·8	+0·1	5	1·88	48	+22
	Cullompton ¶	202	a	52	11th	23	10th	45·1	33·4	39·5	+0·3	6	1·57	40	+23
	Plymouth... ¶	116	p	51	12th	31	9, 10	47·4	38·7	43·2	+1·4	6	2·00	51	+33
Cornwall	Newquay	190	h	53	12th	29	10th	45·1	38·3	41·8	− 1·2	7	2·60	66	+50
	Falmouth... ¶	167	h	51	12th	32	10th	46·3	39·4	43·0	+0·1	7	2·83	72	+49
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	49	7th	29	10th	43·6	35·6	39·8	− 0·6	6	0·54	14	− 1
Mayo	Blacksod Point ¶	10	t	50	6th	28	11th	44·7	33·9	39·5	− 2·6	6	0·78	20	− 9
	Mallaranny ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	51	7th	18	11th	44·0	31·3	37·9	− 1·2	5	1·14	29	+ 6
Armagh	Armagh ... ¶	204	p	47	6, 7	24	11th	42·6	32·0	37·5	− 1·3	5	1·17	30	+15
Down	Donaghadee ¶	35	t	47	6, 7	28	11th	41·3	36·4	39·0	− 1·0	7	1·26	32	+17
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	50	12th	32	11th	45·3	36·6	41·1	− 0·2	7	1·52	39	+26
King's County	Birr Castle ¶	175	t	47	6th	30	11th	43·1	35·7	39·6	+0·3	7	1·28	32	+16
Kilkenny	Kilkenny ... ¶	195	a	49	6,11,12	29	11, 12	45·3	34·9	40·3	+0·9	6	2·48	63	+45
Waterford	Waterford ¶	137	a	51	12th	32	10, 11	46·1	37·6	42·0	+1·1	7	4·00	101	+80
	Seskin, Carrick-on-Suir	542	p	48	11, 12	30	9, 11	44·7	34·4	39·8	—	7	4·45	113	—
Limerick	Foynes ... ¶	50	a	50	6, 7	32	11th	45·4	36·0	40·9	− 0·5	7	1·42	36	+14
Kerry	Cahirciveen ¶	30	t	50	6, 8	36	11th	46·7	40·4	43·7	− 0·1	7	2·66	68	+36
	Killarney ... ¶	174	a	51	6th	33	11th	46·8	36·7	42·0	− 0·1	7	3·18	81	+46
Cork	Roche's Point ¶	32	t	50	6, 8	36	11th	46·4	40·4	43·5	+0·5	7	3·03	77	+53
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	51	11, 12	39	10, 11	49·1	42·7	46·0	+0·7	7	2·22	57	+39
Guernsey	Grange ... ¶	173	p	52	12th	34	6th	47·4	38·7	43·2	+0·2	6	1·56	40	+23
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	1·7	+0·3	23	3	26	—	—	—	—
Cockle Park §	0·9	− 0·5	12	7	15	34·5	− 1·3	38·9	− 1·1
Tynemouth ..	—	—	—	5	26	—	—	—	—
Durham §	1·3	+0·1	18	6	15	—	—	—	—
Rounton ..	—	—	—	6	11	34·4	—	—	—
West Witton	—	—	—	7	15	34·0	—	39·1	—
Scarborough †§	1·2	0·0	15	6	25	—	—	39·4	—
York §	0·5	− 0·3	6	—	—	35·8	− 3·3	40·4	− 2·1
Spurn Head ..	1·4	—	17	—	—	—	—	—	—
Lincoln ..	—	—	—	6	23	34·3	− 3·3	39·5	− 2·6
Cranwell §	2·0	+0·6	25	7	20	—	—	—	—
Skegness §	1·8	+0·2	22	—	—	—	—	—	—
Cromer §	1·7	+0·1	22	—	—	—	—	—	—
Yarmouth §	2·3	—	29	4	24	35·9	− 3·7	41·0	− 3·1
Norwich .	2·0	—	25	6	22	33·3	—	—	—
Geldeston §	2·2	+0·6	28	—	—	—	—	—	—
Cambridge §	2·2	+0·6	27	6	22	35·5	− 3·8	41·3	− 2·2
Rothamsted §	1·9	+0·3	24	7	17	35·3	—	—	—
Tottenham §	0·5	—	7	—	—	—	—	—	—
Clacton-on-Sea §	2·3	+0·6	29	4	28	36·1	− 4·3	41·5	− 3·3
Southend ..	2·4	—	30	5	25	36·4	—	—	—
Harrogate §	0·8	− 0·7	11	7	12	35·9	− 2·8	38·5	− 2·3
Sheffield §	1·3	0.0	16	6	20	34·8	− 3·7	39·6	− 2·9
Buxton ...	1·5	—	19	5	23	34·5	− 3·3	39·4	− 2·6
Worksop §	1·8	+0·7	23	7	12	34·8	—	39·4	—
Nottingham §	1·7	+0·7	22	6	23	34·7	− 3·0	38·6	− 2·2
Birmingham §	1·8	+0·8	22	5	15	37·4	− 2·9	44·0	− 0·8
Oundle ...	1·9	—	24	7	19	35·9	—	41·5	—
Oxford §	2·1	+0·6	26	4	16	—	—	—	—
Cheadle ...	—	—	—	7	12	—	—	—	—
Tenbury ...	—	—	—	5	10	37·9	—	—	—
Malvern... ...	2·0	—	25	5	16	36·6	—	41·4	—
Ross on Wye §	1·5	—	19	4	14	37·8	—	42·7	—
Clifton §	1·2	—	15	2	27	—	—	—	—
Westminster	1·1	+0·5	14	5	23	—	—	—	—
Greenwich ..	2·3	+1·1	28	5	16	—	—	—	—
Hampstead ..	1·3	—	16	6	17	—	—	—	—
Camden Square	—	—	—	5	25	36·6	—	42·7	—
Richmond § (Kew Obs.)	1·9	+0.6	23	5	21	35·8	− 4·0	42·6	− 1·7
Wisley §	2·1	+0·5	26	6	17	37·0	− 3·1	42·3	− 1·6
Tunbridge W'ls§	2·4	+0·8	29	5	17	37·9	—	42·6	—
Margate §	2·6	+1·1	32	4	26	36·7	− 4·6	42·3	− 2·1
Folkestone §	2·9	—	35	3	18	—	—	44·2	—
St. Leonards §	2·8	+0·9	35	4	29	37·5	—	43·4	—
Worthing §	2·9	+1·0	36	4	27	39·4	− 1·4	44·2	− 1·1
Ventnor §	2·4	+0·5	29	—	—	—	—	—	—
Southampton §	2·0	+0·4	24	3	25	—	—	—	—
Marlborough §	1·7	+0·4	21	—	—	37·7	—	43·7	—
Porton	2·2	—	27	5	10	37·8	—	—	—
Aspatria §	1·3	0·0	17	5	17	38·1	− 1·3	42·3	− 0·8
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·2	+0·3	15	6	21	—	—	—	—
Blackpool §	1·6	+0·3	21	5	16	38·1	—	43·6	—
Southport §	1·7	+0·4	22	4	20	35·1	− 2·8	39·7	− 1·5
Whitworth Pk.	1·4	+0·9	18	—	—	—	—	—	—
Oldham Road	0·3	− 0·1	4	4	25	35·8	− 2·9	41·8	− 1·4
Bidston ..	1·7	—	22	5	24	—	—	—	—
(Ches.)Hoylake§	1·8	+0·3	23	—	—	—	—	—	—
Llandudno §	1·8	+0·3	23	—	—	—	—	—	—
Holyhead ..	1·7	—	22	1	29	—	—	—	—
Aberystwyth§	2·2	+0·6	28	—	—	—	—	—	—
St. Ann's Hd §	0·3	− 1·3	4	—	—	—	—	—	—
Rhayader §	1·8	—	22	5	12	—	—	—	—
Cardiff ...	1·2	—	15	2	18	39·4	− 1·1	44·1	− 1·4
Bath .. §	1·5	0·0	19	—	—	39·5	—	43·8	—
Shaftesbury ..	—	—	—	—	—	—	—	43·3	—
Weymouth ..	1·8	—	22	—	—	—	—	—	—
Cullompton §	1·3	− 0·1	16	3	19	42·2	—	—	—
Plymouth §	1·3	− 0·4	16	1	29	43·0	+0·2	46·9	—
Newquay §	0·4	− 1·4	5	—	—	44·6	—	47·5	—
Falmouth §	0·1	− 1·7	2	1	30	44·6	—	47·1	—
Malin Head ..	1·1	—	15	—	—	—	—	—	—
Mallaranny ..	—	—	—	—	—	—	—	—	—
Markree Castle §	—			4	17	42·2	+0·9	45·1	+0·2
Armagh §	1·5	+0·3	20	4	21	41·2	+0·7	43·9	+0·2
Trinity Coll.	—	—	—	4	25	42·0	+0·4	44·7	+0·1
Phœnix Park §	0·9	− 0·8	12	3	25	—	—	—	—
Dublin City ..	—	—	—	3	26	—	—	—	—
Birr Castle §	0·7	− 0·8	9	4	24	—	—	—	—
Seskin ..	0·9	—	11	4	27	—	—	—	—
Cahirciveen (Valencia O.)§	0·9	− 0·5	12	1	30	—	—	—	—
Ballinacurra §	0·4	− 1·3	5	—	—	—	—	—	—
St. Mary's §	0·4	− 1·5	4	—	—	—	—	—	—
Grange §	1·8	0·0	22	1	29	41·9	− 2·6	46·7	− 0·8
St. Helliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, January 12th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h m/s.	d. hr.	m.p.h m/s.	d. h. m.
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	7, 12	12	6 to 8, 10, 12	76	46	18	3	13	210	60 27	12 20	86 38	12 19 5
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	6 to 8, 10, 11	61	43	36	3	25	120	37 16	8 5	— —	— — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	7 to 10, 12	37	80	47	4	0	120	34 15	8 18	50 22	12 1 25
Edinburgh Edinburgh ...	485	39	31	—	0	7, 11, 12	14	60	70	24	0	200	32 14	12 2	54 24	12 1 40
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	73	77	18	0	190	22 10	12 17	56 25	12 1 45
Dumfries Eskdalemuir ...	825	50	22	—	0	8, 9, 12	22	55	60	31	0	60	36 16	8 21	54 24	8 16 0
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	8, 9, 11, 12	29	54	69	16	0	120	36 16	8 10	49 22	8 11 0
York, E.R. Spurn Head ...	67	41	‡	8	1	8, 9, 11, 12	44	97	21	5	0	100	39 17	8 16	50 22	8 15 45
Lincoln Cranwell ...	280	43	31	—	—	—	—	—	—	—	—	—	— —	— —	— —	— — —
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	8, 9, 11, 12	56	68	34	10	0	100	38 17	8 21	50 22	12 0 35
Essex Shoeburyness...	103	90	‡	12	1	8, 9, 11, 12	45	67	49	6	0	200	39 17	12 7	49 22	9 0 5
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	8	2	23	109	34	0	80	26 12	8 20	44 19	12 4 5
Kent Lympne ...	409	70	‡	Instrument out of action.												
Surrey Croydon ...	284	40	24	—	0	9, 12	15	55	85	13	0	220	29 13	12 4	51 23	12 8 5
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	12	2	67	90	8	1	210	25 11	12 5	47 21	12 6 5
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	9, 11, 12	34	62	53	0	19	220	34 15	12 6	55 25	12 5 40
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	9, 11, 12	20	74	(74)	(0)	0	240	37 17	12 4	47 21	12 4 0
7a. ENGLAND, N.W.																
Lancashire Fleetwood ...	109	44	12	—	0	8, 11, 12	12	91	65	0	0	90	31 14	8 21	49 22	8 21 45
Lancashire Southport ...	80	62	48	—	0	8 to 12	32	101	35	0	0	90	35 16	8 21	54 24	8 22 55
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	8, 9	7	6 to 12	53	82	24	2	0	60	45 20	8 22	64 29	8 21 40
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	8, 11, 12	13	6 to 12	36	62	48	9	0	—	42 19	12 4	62 28	8 13 30
Cornwall Pendennis Castle§ ..	256	65	24	Instrument out of action.												
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	8, 9	20	6 to 12	43	54	36	15	0	80	45 20	8 20	— —	— — —
Clare Quilty.. ...	100	40	‡	8	3	6, 8 to 12	45	67	50	3	0	—	42 19	8 8	64 29	12 4 30
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	6 to 9, 11, 12	46	57	49	16	0	140	38 17	8 5	70 31	8 6 50
Cork Weaver Pt. ...	160	30	‡	6, 8	7	6, 8, 9, 11, 12	48	57	42	14	0	—	45 20	8 10	65 29	8 9 35
11a. SCILLY ISLES.																
Scilly St. Mary's	150	32	‡	8, 10	8	6 to 12	73	47	21	9	10	130	48 21	8 8	79 35	8 7 0

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	22	15	6·9	20	10	4·5	22	16	7·0	13	12	5·2	21	6	12·7	18	23	10·5	17	16	7·0	18	15	6·8
North	0	—	—	0	—	—	4	10	4·3	6	9	4·0	3	3	5·8	4	9	4·0	4	6	2·9	6	5	2·2
West	7	3	1·3	7	10	4·5	11	6	2·5	8	5	2·4	5	8	17·2	8	21	9·4	9	12	5·4	8	13	6·7
East	14	17	7·8	11	8	3·6	15	17	7·4	14	10	4·3	21	6	14·3	14	13	5·8	13	19	8·5	17	12	5·3
Calm (or wind-speed < 4 m.p.h.)	1	—	—	5	—	—	2	—	—	4	—	—	0	—	—	4	—	—	3	—	—	3	—	—
No record	5	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 17th January, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. 13

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 3.

THIRD WEEK.
SUNDAY, JANUARY 13TH TO SATURDAY, JANUARY 19TH, 1924.

Price 9d. Net. Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRD WEEK of 1924—January 13th to January 19th, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	49	27	42·0	35·7	39·0	+0·1	0	− 6	21	− 6	4	− 1	0·83	21	− 13	0·8	0·0	10	997
Eastern.																			
1. SCOTLAND, EAST ..	50	23	41·0	32·7	37·0	− 0·9	0	− 6	35	+ 1	5	+ 1	0·66	17	+ 2	1·0	− 0·5	13	999
2. ENGLAND, N.E. ..	53	26	43·1	34·7	39·1	+0·8	3	− 3	23	− 9	4	+ 1	0·41	10	+ 2	0·9	− 0·6	11	1002
3. ENGLAND, EAST ..	52	27	45·5	37·2	41·5	+3·8	10	+ 5	13	− 22	5	+ 1	0·51	13	+ 4	1·8	+0·3	22	1005
4. MIDLAND COUNTIES	52	26	45·0	35·9	40·7	+2·8	8	+ 1	18	− 18	5	+ 1	0·67	17	+ 7	0·7	− 0·7	9	1002
5. ENGLAND, S.E. ..	52	32	47·2	40·7	44·1	+4·8	18	+ 9	4	− 24	5	+ 2	0·83	21	+ 9	1·6	+0·1	19	1004
Western.																			
6. SCOTLAND, WEST[1] ..	49	28	43·7	34·4	39·3	− 0·6	5	− 4	24	+ 2	6	+ 1	1·54	39	+13	0·5	− 0·6	7	999
7. ENGLAND, N.W.[2] ..	55	29	46·2	36·6	41·6	+2·1	12	+ 4	15	− 10	5	+ 1	0·92	23	+ 7	1·0	− 0·3	13	998
8. ENGLAND, S.W.[3] ..	53	30	48·2	41·7	45·1	+4·1	23	+10	1	− 19	6	+ 2	1·29	33	+15	1·0	− 0·6	11	999
9. IRELAND, NORTH ..	52	29	46·0	38·3	42·3	+1·4	12	0	10	− 10	7	+ 2	1·44	37	+19	0·8	− 0·6	10	993
10. IRELAND, SOUTH ..	53	27	48·5	40·5	44·6	+2·1	22	+ 3	4	− 12	7	+ 2	1·55	39	+19	1·0	− 0·6	12	993
11. CHANNEL ISLANDS[4]	53	40	51·0	45·8	48·5	+4·3	45	+22	0	− 8	6	+ 1	1·03	26	+12	1·4	− 0·6	16	1001
MEAN: DISTRICTS 1-10	55	23	45·4	37·3	41·5	+2·0	11	+ 2	15	− 12	5	+ 1	0·98	25	+10	1·0	− 0·4	13	999

THE SEASON (Winter).—Aggregates, &c., for the Period of 7 Weeks, December 2nd, 1923, to January 19th, 1924.

0. SCOTLAND, NORTH ..	55	18	42·4	34·8	38·7	0·0	27	− 20	189	− 17	36	− 1	7·31	186	− 46	0·7	0·0	11	1005
Eastern.																			
1. SCOTLAND, EAST ..	54	11	40·7	32·0	36·5	− 1·0	17	− 24	285	+29	35	+ 6	4·33	110	− 5	1·3	+ 0·2	19	1007
2. ENGLAND, N.E. ..	54	19	41·0	32·9	37·1	− 1·7	12	− 38	251	+43	26	− 1	3·27	82	− 1	1·5	+ 0·3	20	1011
3. ENGLAND, EAST ..	52	22	42·4	33·5	38·1	− 0·6	19	− 41	210	− 15	30	+ 1	3·41	86	+ 2	1·4	0·0	18	1012
4. MIDLAND COUNTIES	53	15	43·2	33·2	38·4	− 0·1	32	− 32	207	− 30	30	+ 1	4·21	107	+ 9	1·3	+ 0·1	17	1012
5. ENGLAND, S.E. ..	54	18	45·0	35·4	40·4	0·0	62	− 29	141	− 28	32	+ 5	4·22	107	− 3	1·7	+ 0·2	22	1013
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	43·2	34·2	38·9	− 1·1	42	− 26	193	+35	39	+ 6	8·76	222	+16	1·4	+ 0·4	19	1009
7. ENGLAND, N.W.[2] ..	56	16	44·0	35·9	40·1	0·0	48	− 25	140	− 25	35	+ 5	5·46	138	+ 3	1·3	+ 0·2	17	1010
8. ENGLAND, S.W.[3] ..	55	20	46·7	38·2	42·6	+0·6	108	− 10	77	− 42	37	+ 5	6·85	175	− 1	1·5	0·0	18	1012
9. IRELAND, NORTH ..	53	18	46·2	38·0	42·2	+1·3	97	+10	85	− 55	42	+ 6	6·85	173	+21	1·3	+ 0·1	17	1008
10. IRELAND, SOUTH ..	57	26	48·1	39·6	44·0	+1·4	149	+11	51	− 56	37	+ 3	7·43	187	+11	1·1	− 0·4	15	1011
11. CHANNEL ISLANDS[4]	53	33	49·6	42·9	46·4	+1·0	222	+17	8	− 32	39	+ 3	6·52	167	+16	1·7	− 0·1	21	1013
MEAN: DISTRICTS 1-10 ..	57	11	44·1	35·3	39·8	− 0·1	59	− 20	164	− 14	34	+ 4	5·48	139	+ 5	1·4	+ 0·1	18	1011

THE YEAR. Aggregates, &c., for the Period of 3 Weeks, December 30th, 1923, to January 19th, 1924.

0. SCOTLAND, NORTH ..	52	18	42·5	35·3	39·0	+0·8	10	− 7	73	− 24	14	− 1	2·31	59	− 33	0·7	0·0	10	1002
Eastern.																			
1. SCOTLAND, EAST ..	54	11	40·6	31·5	36·2	− 0·9	5	− 10	126	+10	15	+ 3	1·82	47	+ 3	1·2	0·0	16	1005
2. ENGLAND, N.E. ..	53	19	40·8	32·6	36·9	− 1·1	3	− 13	111	+11	11	0	1·21	30	− 1	1·2	0·0	15	1008
3. ENGLAND, EAST ..	52	23	42·3	33·9	38·2	+0·6	10	− 9	88	− 24	13	+ 1	1·26	32	0	1·5	0·0	19	1010
4. MIDLAND COUNTIES	53	15	42·8	33·4	38·3	+0·7	13	− 9	92	− 23	14	+ 2	2·17	55	+19	1·2	− 0·1	15	1008
5. ENGLAND, S.E. ..	52	18	44·9	36·2	40·7	+1·5	27	− 2	55	− 33	14	+ 3	1·86	47	+ 9	1·8	+ 0·3	22	1010
Western.																			
6. SCOTLAND, WEST[1] ..	49	20	43·0	34·3	38·8	− 0·6	15	− 9	82	+ 5	17	+ 3	4·16	106	+29	0·8	− 0·2	11	1006
7. ENGLAND, N.W.[2] ..	55	22	44·1	35·8	40·1	+0·8	23	− 2	63	− 18	14	+ 2	2·50	63	+13	1·2	0·0	15	1006
8. ENGLAND, S.W.[3] ..	55	20	46·6	38·9	42·9	+2·0	48	+ 7	28	− 36	17	+ 4	3·62	92	+32	1·1	− 0·5	13	1006
9. IRELAND, NORTH ..	52	18	46·0	38·3	42·3	+1·9	41	+ 7	35	− 32	19	+ 4	3·11	79	+20	1·0	− 0·3	14	1002
10. IRELAND, SOUTH ..	55	27	48·2	40·3	44·4	+2·4	66	+13	17	− 36	18	+ 4	4·41	111	+43	0·8	− 0·8	10	1002
11. CHANNEL ISLANDS[4]	53	34	49·5	43·3	46·5	+2·2	99	+27	6	− 19	17	+ 2	3·55	91	+39	1·6	− 0·3	19	1008
MEAN: DISTRICTS 1-10 ..	55	11	43·9	35·5	39·9	+0·7	25	− 3	70	− 18	15	+ 3	2·61	66	+17	1·2	− 0·2	15	1006
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales)	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Unusual	Unusual	Unusual	Moderate	Unusual	Unusual	Moderate	Moderate	Unusual
	Rainfall ..	Light	Moderate	Moderate	Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Heavy
	Sunshine ..	Moderate	Scanty	Moderate	Moderate	Scanty	Moderate	Scanty	Moderate	Scanty	Scanty	Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 7 weeks from Dec. 2nd, 1923.	Warmth ..	2, 4 1	2, 2, 3	0, 4, 3	1, 5, 1	1, 4, 2	1, 5, 1	1, 3, 3	2, 3, 2	2, 4, 1	2, 4, 1	2, 4, 1	2, 5, 0
	Rainfall ..	1, 3, 3	0, 6, 1	1, 5, 1	3, 3, 1	3, 3, 1	2, 4, 1	3, 4, 0	2, 4, 1	3, 2, 2	3, 3, 1	3, 1, 3	4, 1, 2
	Sunshine ..	1, 6, 0	3, 3, 1	3, 4, 0	0, 6, 1	2, 4, 1	1, 6, 0	4, 2, 1	4, 3, 0	2, 4, 1	1, 5, 1	0, 3, 4	0, 4, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was again of a changeable and unsettled character over the British Islands as a whole. Snow fell in many parts of the country and at a few stations hail was reported. "Snow lying" was recorded in several places. The 17th was a very cold day in parts of England, and at a few stations, notably in the east of England and the Midland counties the day temperatures did not rise above 32°F. The highest of the maximum temperatures occurred at the beginning or towards the end of the week in most places, and at a number of stations maxima of 50°F. and above were registered, the highest readings, 55°F., being recorded at Llandudno on the 13th and 18th and at Hawarden Bridge (Flint) on the 19th. The lowest of the screen minimum temperatures, 23°F., occurred at Balmoral on the 15th. Ground frosts were registered in many parts of our Islands and at one or two places the readings of the grass thermometer were below 20°F., the actual lowest reading being 15°F. at Balmoral. The mean temperature for the week was below the normal in parts of Scotland but in the English and Irish Districts it was above normal. The total amount of precipitation (rain or snow) was in excess of the normal in most parts of the country. Among the largest measurements were 34mm. at Eskdalemuir on the 13th, 22mm. at Killarney and Cahirciveen (Valencia Observatory) on the 14th and 23mm. at Clifton (Gloucester) and 21mm. at Ford (Argyll) on the 18th, while the total amount for the three days 14th to 16th inclusive at Seskin (Carrick-on-Suir) was as much as 78mm. Thunderstorms were reported at two or three stations. The total amount of sunshine for the week was above the normal in some of the eastern and south-eastern parts of England, but in the other Districts it was below. The departure of the mean daily duration of sunshine from the normal for the week ranged from +0·9hr. at Margate to − 1·2hr. at Scarborough, Douglas and Dublin (Phœnix Park). Solar halos were observed at Oxford on the 13th, 15th, 16th and 19th. Lunar halos were seen on various dates at several places.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week		Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	45	15th	35	18, 19	42·4	37·9	40·2	+0·5	4	0·96	25	0
Orkneys	Deerness	160	p	49	19th	35	18, 19	43·7	36·6	40·3	+0·7	3	0·48	12	− 9
Hebrides	Stornoway ¶	51	t	46	16th	34	18th	43·0	37·4	40·3	+0·3	6	1·00	25	− 6
	Castlebay	37	t	47	19th	38	15, 18	44·3	41·3	42·9	—	7	0·95	24	—
Caithness	Wick ... ¶	81	t	45	16th	35	14th	41·9	38·1	40·1	+1·5	4	0·48	12	− 2
Ross and Cromarty	Strathpeffer ¶	125	a	46	16th	27	15, 17, 18	40·1	30·1	35·3	− 2·7	4	0·28	7	− 12
	Achnashellach ¶	225	h	47	16th	32	14th	41·7	35·6	38·8	—	4	1·22	31	—
Inverness	Inverness	242	h	45	15, 16	30	17th	40·6	33·4	37·1	—	3	0·30	8	—
	Fort Augustus ¶	68	a	47	15th	30	17th	42·3	34·1	38·4	0·0	3	0·36	9	− 23
	Onich ... ¶	48	h	49	15th	34	13, 18	42·4	36·9	39·8	—	5	1·53	39	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	44	16th	30	15th	40·0	34·0	37·1	− 1·0	3	0·49	13	+ 1
Elgin	Gordon Castle ¶	101	p	46	19th	32	14th	42·6	34·1	38·5	− 0·5	3	0·30	8	− 4
Aberdeen	Aberdeen ... ¶	46	t	45	13th	31	15th	41·3	35·9	38·7	—	4	0·64	16	+ 3
	Balmoral ... ¶	930	a	44	19th	23	15th	38·9	29·7	34·5	− 0·7	5	0·24	6	− 10
Perth	Crieff ... ¶	478	p	41	13, 16, 19	29	18th	39·3	31·6	35·6	− 2·2	6	1·40	36	+12
Forfar	Dundee	147	a	45	13th	31	18th	41·3	34·7	38·1	—	4	0·70	18	—
Fife	Inchkeith ... ¶	190	t	50	13th	30	18th	42·0	35·1	38·7	—	4	0·69	17	—
Midlothian	Edinburgh ...	441	p	49	13th	28	18th	44·3	32·7	38·7	− 0·1	4	0·64	16	+ 6
Peebles	West Linton ¶	770	a	46	13th	27	14, 18	42·0	30·6	36·5	+1·4	7	0·88	22	—
Berwick	Marchmont ¶	498	a	48	13th	28	18th	41·9	30·9	36·6	− 0·7	5	0·63	16	+ 3
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	47	15th	31	18th	43·4	35·6	39·7	—	6	1·72	44	—
Renfrew	Renfrew ... ¶	36	t	47	15th	29	18th	41·6	32·9	37·4	—	5	1·82	46	—
Bute	Rothesay ... ¶	200	p	46	15, 16	29	18th	42·0	34·0	38·2	− 2·0	7	1·83	47	+21
Ayr	Kilmarnock ¶	90	a	48	13, 15	30	17th	45·0	33·1	39·3	+1·1	5	1·38	35	+15
	Colmonell... ¶	170	a	49	13, 14	31	18th	45·6	34·1	40·1	+0·7	6	1·32	34	+ 9
Dumfries	Dumfries ... ¶	140	p	49	13th	28	17, 18	44·4	33·9	39·4	+0·8	5	1·17	30	+13
	Eskdalemuir ...	794	t	47	13th	26	18th	40·9	32·1	36·7	—	5	2·42	61	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	0·1	—	2	—	—	—	—	—	—
Deerness §	0·4	− 0·5	6	—	—	—	—	—	—
Stornoway §	0·6	− 0·2	9	—	—	—	—	—	—
Castlebay ..	0·1	—	1	—	—	—	—	—	—
Achnashellach	—	—	—	6	25	—	—	—	—
Inverness §	1·3	—	18	4	23	—	—	—	—
Onich ...	0·8	—	10	0	31	—	—	—	—
Nairn §	1·3	—	17	—	—	—	—	—	—
Gordon Castle	1·0	—	14	—	—	—	—	—	—
Aberdeen §	0·8	− 0·9	11	2	24	—	—	39·3	− 0·5
Balmoral	—	—	—	6	15	—	—	—	—
(Kinc). Crathes§	—	—	—	2	23	35·2	—	38·7	—
Dundee §	0·7	—	9	2	29	34·9	—	—	—
Inchkeith ...	0·6	—	8	—	—	—	—	—	—
Edinburgh §	1·0	− 0·7	14	4	25	—	—	—	—
West Linton	—	—	—	7	22	—	—	—	—
Marchmont §	1·0	− 0·5	13	—	—	—	—	—	—
Ford ..	—	—	—	4	28	37·1	—	40·6	—
Renfrew .	0·3	—	4	3	24	—	—	—	—
Rothesay §	0·4	− 0·5	6	2	28	36·7	—	41·4	− 0·7
Kilmarnock ..	1·0	—	13	—	—	36·3	—	41·3	—
Colmonell ..	—	—	—	2	26	—	—	—	—
Dumfries .	0·9	—	12	4	24	36·8	− 0·7	40·0	− 0·8
Eskdalemuir §	0·7	− 0·2	10	3	25	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
6b. ISLE OF MAN.		Ft.		°F.		°F.		°F.	°F.	°F	°F.		in.	mm.	mm.
I. of Man	Douglas ... ¶	284	h	49	13th	32	17th	44·1	37·1	40·7	− 0·8	7	1·52	39	+19
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	53	13th	28	14, 18	43·3	31·0	37·4	+0·3	3	0·69	18	+ 8
	Tynemouth ¶	118	t	48	13th	32	15, 18	42·1	35·4	38·9	0·0	3	0·36	9	+ 2
Durham	Durham ... ¶	336	p	46	13th	26	14th	40·9	31·6	36·4	− 1·0	4	0·31	8	+ 1
York,	Rounton ... ¶	249	p	47	13, 15	27	14th	44·3	31·9	38·4	+1·1	5	0·39	10	+ 2
N. Riding	West Witton ...	605	a	50	13th	27	18th	41·9	32·0	37·2	—	4	0·56	14	—
	Scarborough ¶	118	h	47	13th	31	18th	42·1	37·9	40·1	+1·1	4	0·51	13	+ 4
	York ... ¶	56	p	49	13th	30	17, 18	44·6	36·0	40·5	+2·3	4	0·45	11	+ 3
E. Riding	Spurn Head ¶	26	t	45	13, 19	31	18th	41·6	36·7	39·3	+0·6	5	0·25	6	0
Lincoln	Lincoln ... ¶	58	a	49	18th	29	18th	45·7	35·6	40·9	+3·5	4	0·39	10	+ 2
	Cranwell ... ¶	236	t	48	13th	27	18th	43·0	36·3	39·8	+2·4	5	0·34	9	+ 1
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	51	15th	27	17th	45·3	36·2	40·9	+3·1	5	0·25	6	− 1
	Yarmouth ¶	13	t	49	19th	29	17th	42·1	36·9	39·6	+1·9	5	0·43	11	+ 3
	Norwich ... ¶	93	a	49	15th	28	17, 18	45·7	36·0	41·0	+3·7	5	0·52	13	+ 4
	Geldeston ... ¶	37	a	50	18th	27	17th	45·8	35·7	41·0	+3·0	4	0·34	9	+ 1
Cambridge	Cambridge ¶	41	p	51	19th	30	17, 18	48·3	37·9	43·3	+5·7	4	0.47	12	+ 5
Hertford	Rothamsted ¶	420	a	50	18th	29	18th	46·3	37·0	41·8	+4·6	6	0·78	20	+10
Middlesex	Tottenham ¶	51	p	52	18, 19	33	17th	48·3	39·7	44·2	—	3	0·80	20	—
Essex	Clacton-on-Sea ¶	55	t	47	19th	32	17th	42·1	38·1	40·2	+2·4	5	0·46	12	+ 6
	Southend	90	h	50	15th	32	17th	44·9	37·0	41·1	—	6	0·60	15	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	47	13th	26	18th	41·7	30·7	36·4	− 0·5	4	0·48	12	− 1
W. Riding	Sheffield	429	p	49	13th	28	17, 18	44·9	35·9	40·6	—	4	0·39	10	− 4
Derby	Buxton	987	p	46	13, 18	25	18th	43·0	32·9	38·2	+2·7	4	1·05	27	+ 5
Nottingham	Worksop(Hods'ck)¶	56	a	50	13th	29	18th	45·0	34·7	40·1	+2·5	5	0·24	6	− 3
	Nottingham ¶	82	t	49	13, 18	29	18th	43·9	37·1	40·6	+2·8	4	0·46	12	+ 4
Warwick	Birmingham (Edg)¶	525	t	49	13th	27	18th	43·7	36·6	40·3	+2·3	5	0·42	11	+ 1
Northampton	Oundle ... ¶	147	a	50	18th	28	18th	46·4	36·4	41·6	—	5	0·37	9	—
Oxford	Oxford ... ¶	208	p	52	19th	32	17th	47·4	39·0	43·4	+4·8	6	1·01	26	+17
Stafford	Cheadle ... ¶	646	a	48	13th	27	17, 18	43·3	33·0	38·4	+1·7	5	0·71	18	+ 6
Worcester	Tenbury ... ¶	313	p	50	13th	30	18th	45·3	36·3	41·0	+2·1	5	0·83	21	+13
	Malvern	377	h	50	18th	29	18th	44·9	37·1	41·2	—	5	0·65	17	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	52	18th	35	18th	48·7	39·7	44·4	+4·7	5	1·49	38	+24
5. ENGLAND, S.E.															
London	Westminster ...	27	a	52	18th	34	17, 18	49·4	41·1	45·4	+5·7	3	0·65	17	+ 8
	Greenwich ‡ ...	149	a	51	18th	32	18th	48·0	39·1	43·7	+5·0	5	0·89	23	+14
	Hampstead ...	450	a	50	18th	30	17th	45·4	37·7	41·7	—	4	0·90	23	—
	Camden Square ...	110	a	51	18th	30	18th	47·7	37·9	43·0	+4·1	5	0·75	19	+ 9
Surrey	Richmond(Kew O)¶	18	t	51	18th	35	17, 18	46·7	41·3	44·1	+5·1	3	0·57	15	+ 5
	Wisley ... ¶	150	a	51	18th	34	16, 17, 18	48·6	40·1	44·5	+6·2	5	0·77	20	+10
Kent	Tunbridge Wells ¶	354	h	51	19th	33	17, 18	46·4	39·3	43·0	+5·2	5	0·79	20	+ 8
	Margate ... ¶	51	h	52	19th	33	17th	46·1	40·0	43·2	+3·8	3	0·59	15	+ 6
	Dungeness ¶	21	t	49	18th	37	17th	46·7	42·3	44·6	+5·2	5	0·73	19	+ 9
Sussex	St. Leonards ¶	178	h	50	18, 19	35	17, 18	46·6	41·0	43·9	+4·2	5	0·94	24	+12
	Worthing... ...	36	h	49	18th	37	18th	45·8	42·1	44·0	—	5	1·04	26	—
I. of Wight	Ventnor ... ¶	59	a	50	19th	39	18th	48·0	43·0	45·6	+3·8	5	0·86	22	+ 8
Hampshire	Southampton ¶	64	p	51	18th	37	17th	48·4	42·1	45·4	+5·2	6	1·00	25	+11
Wiltshire	Marlborough ¶	424	a	51	18th	32	18th	47·3	38·4	43·0	+5·4	5	1·20	30	+16
	Porton ... ¶	363	a	50	18th	34	18th	47·3	39·4	43·5	—	6	0·86	22	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	51	13th	29	17, 18	46·0	33·0	39·8	+1·5	5	1·46	37	+21
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	49	13th	29	18th	45·0	35·1	40·3	+2·3	4	1·13	29	+ 6
	Blackpool... ¶	66	h	50	13th	31	18th	43·6	36·1	40·0	+1·1	4	0·81	21	+ 7
	Southport ¶	37	h	50	13th	30	17, 18	44·1	36·7	40·6	+1·7	4	0·81	21	+ 8
Manchester	Whitworth Pk. ¶	125	p	51	13th	31	17, 18	46·9	37·7	42·5	+3·2	4	0·65	16	+ 3
Cheshire	Liverp'l (Bidston)¶	189	a	51	13th	30	18th	45·7	36·0	41·0	+1·4	4	0·53	13	+ 2
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	55	19th	31	18th	48·1	36·9	42·7	+2·6	5	0·54	14	+ 4
Carnarvon	Llandudno ¶	22	h	55	13, 18	34	14, 17, 18	47·4	37·1	42·5	+0.9	5	0·64	16	+ 2
Anglesey	Holyhead ... ¶	26	t	50	13, 15	37	13th	46·7	40·3	43·6	+1·6	7	1·59	40	+25
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	52	13, 18	37	18th	50·1	40·1	45·3	—	5	0·84	21	—
Pembroke	St. Ann's Hd. ¶	150	t	51	13th	40	14th	48·6	43·0	45·9	+3·1	7	1·35	34	+18
Radnor	Rhayader... ¶	757	a	50	13th	30	18th	45·3	35·1	40·4	—	6	1·41	36	—
Glamorgan	Cardiff ... ¶	202	p	51	18th	33	17, 18	46·9	38·0	42·6	+3·6	5	1·78	45	+27
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	53	18th	36	18th	47·4	41·7	44·6	+5·1	5	1·04	26	+14
Dorset	Shaftesbury ¶	722	a	49	18th	35	17, 18	46·3	38·6	42·6	+4·8	5	0·91	23	+10
	Portland Bill ¶	19	t	50	18, 19	44	17, 18	48·7	45·7	47·3	+5·1	5	0·99	25	+14
Devon	Arlington ... ¶	613	a	52	13th	36	14th	48·3	40·8	44·7	+5·4	4	1·30	33	+ 9
	Cullompton ¶	202	a	53	18th	40	14, 15	50·0	42·6	46·5	+6·6	7	1·11	28	+12
	Plymouth... ¶	116	p	51	13, 17, 18	40	14th	50·1	46·0	48·1	+5·7	6	1·29	33	+17
Cornwall	Newquay	190	h	53	13, 18, 19	36	14th	50·7	44·1	47·5	+4·0	7	1·41	36	+21
	Falmouth... ¶	167	h	53	17th	38	14th	50·4	45·1	47·9	+4·4	7	1·70	43	+22
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	49	15th	34	14th	45·3	37·9	41·8	+0·5	7	1·56	40	+26
Mayo	Blacksod Point ¶	10	t	50	13th	35	13, 14, 15	45·6	38·0	42·0	− 1·1	7	0·98	25	− 1
	Mallarany ...	120	a	51	18th	35	13, 14	48·3	40·4	44·5	—	6	1·57	40	—
Sligo	Markree Castle ¶	122	p	52	18th	30	14th	47·1	38·1	42·8	+2·7	7	2·07	53	+33
Armagh	Armagh ... ¶	204	p	50	18th	29	14th	45·4	37·1	41·4	+1·5	7	1·10	28	+15
Down	Donaghadee ¶	35	t	48	13, 15, 19	31	14th	46·6	38·7	42·8	+1·8	7	1·69	43	+30
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	52	13, 18	31	14th	48·0	39·7	44·0	+1·6	7	0·93	24	+12
King's County	Birr Castle ¶	175	t	51	18th	30	14th	46·1	40·1	43·2	+2·8	7	1·22	31	+16
Kilkenny	Kilkenny ... ¶	195	a	51	18th	27	14th	47·4	38·3	43·0	+2·5	7	1·98	50	+33
Waterford	Waterford ¶	137	a	52	18th	32	14th	50·7	41·0	46·0	+4·1	7	2·20	56	+37
	Seskin, Carrick-on-Suir	542	p	50	18th	30	14th	47·3	39·9	43·8	—	7	3·87	98	—
Limerick	Foynes ... ¶	50	a	53	18th	33	13, 14	48·7	39·0	44·0	+1·6	7	1·09	28	+ 8
Kerry	Cahirciveen ¶	30	t	52	16, 18	35	13th	49·4	42·9	46·3	+1·4	7	1·45	37	+ 8
	Killarney ... ¶	174	a	51	16, 17, 18	31	14th	49·5	40·4	45·1	+1·9	7	1·82	46	+15
Cork	Roche's Point ¶	32	t	51	18th	33	14th	48·1	42·7	45·5	+1·5	7	1·74	44	+22
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	53	13th	40	14th	51·3	46·0	48·8	+3·1	7	1·02	26	+11
Guernsey	Grange ... ¶	173	p	53	18th	44	17th	50·9	45·7	48·4	+5·1	5	1·04	27	+13
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	0·4	− 1·2	5	0	31	—	—	—	—
Cockle Park §	0·7	− 1·0	9	7	20	35·3	− 1·0	38·1	− 1·7
Tynemouth ..	—	—	—	1	29	—	—	—	—
Durham §	0·5	− 1·0	6	4	21	—	—	—	—
Rounton ..	—	—	—	5	19	35·6	—	—	—
West Witton	—	—	—	7	22	34·1	—	38·4	—
Scarborough †§	0·3	− 1·2	4	1	30	—	—	39·2	—
York §	0·2	− 0·8	3	—	—	37·3	− 1·3	40·0	− 2·1
Spurn Head ..	1·4	—	17	—	—	—	—	—	—
Lincoln ..	—	—	—	2	28	37·1	0·0	39·4	− 2·3
Cranwell §	1·7	0·0	20	3	27	—	—	—	—
Skegness §	1·8	0·0	22	—	—	—	—	—	—
Cromer §	2·0	+0·5	24	—	—	—	—	—	—
Yarmouth §	2·0	—	25	2	29	38·6	− 0·4	40·9	− 2·8
Norwich ..	2·0	—	24	2	27	34·8	—	—	—
Geldeston §	2·1	+0·5	25	—	—	—	—	—	—
Cambridge §	2·0	+0·5	24	3	26	38·8	+0·1	41·1	− 2·0
Rothamsted §	1·6	+0·1	19	4	30	38·2	—	—	—
Tottenham §	0·5	—	6	—	—	—	—	—	—
Clacton-on-Sea §	2·4	+0·7	28	0	32	38·9	− 0·9	41·5	− 2·7
Southend ..	2·2	—	26	0	32	39·7	—	—	—
Harrogate §	0·6	− 0·9	8	6	23	36·8	− 1·4	37·8	− 2·7
Sheffield §	0·6	− 0·6	8	2	27	37·2	− 0·7	39·1	− 3·0
Buxton ...	0·3	—	4	3	30	35·7	− 1·5	38·7	− 3·0
Worksop §	0·7	− 0·5	8	4	26	37·5	—	39·4	—
Nottingham §	0·6	− 0·5	7	2	28	37·0	− 0·1	38.2	− 2·1
Birmingham §	0·4	− 0·6	5	2	27	40·1	+0·3	43·6	− 0·8
Oundle ...	1·3	—	15	? 2	27	38·4	—	41·1	—
Oxford §	1·1	− 0·5	13	1	28	—	—	—	—
Cheadle ...	—	—	—	3	26	—	—	—	—
Tenbury ...	—	—	—	1	29	40·2	—	—	—
Malvern... ...	0·8	—	10	1	29	39·2	—	40·7	—
Ross on Wye §	0·7	—	9	0	32	41·2	—	42·4	—
Clifton §	0·9	—	11	0	37	—	—	—	—
Westminster	0·9	+0·3	11	0	33	—	—	—	—
Greenwich ..	1·8	+0·7	21	2	27	—	—	—	—
Hampstead ..	1·1	—	13	4	27	—	—	—	—
Camden Square	—	—	—	0	31	39·9	—	42·2	—
Richmond § (Kew Obs.)	1·3	0.0	15	0	31	40·1	+0·9	42·4	− 1·5
Wisley §	1·6	0·0	19	3	23	41·0	+1·6	42·2	− 1·3
Tunbridge W'ls§	2·0	+0·4	24	1	30	40·9	—	42·5	—
Margate §	2·4	+0·9	28	0	33	40·3	− 0·2	42·1	− 1·7
Folkestone §	2·3	—	27	0	36	—	—	44·2	—
St. Leonards §	2·2	+0·4	26	0	34	40·9	—	43·0	—
Worthing §	1·5	− 0·4	17	0	35	42·4	+2·3	44·0	− 0·8
Ventnor §	1·1	− 0·7	13	—	—	—	—	—	—
Southampton §	0·9	− 0·6	11	0	38	—	—	—	—
Marlborough §	0·8	− 0·5	9	0	33	41·4	—	43·5	—
Porton	1·1	—	13	0	34	41·5	—	—	—
Aspatria §	2·1	+0·6	27	4	27	38·7	− 0·3	41·6	− 1·2
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	0·3	− 0·7	4	3	28	—	—	—	—
Blackpool §	0·4	− 1·1	5	2	28	39·3	—	43·0	—
Southport §	0·5	− 1·0	7	1	29	37·5	+0·1	39·1	− 1·7
Whitworth Pk.	0·3	− 0·3	3	—	—	—	—	—	—
Oldham Road	0·2	− 0·3	2	0	31	37·8	− 0·5	41·2	− 1·7
Bidston ..	0·8	—	10	1	30	—	—	—	—
(Ches.)Hoylake§	0·9	− 0·8	11	—	—	—	—	—	—
Llandudno §	1·5	− 0·4	18	—	—	—	—	—	—
Holyhead ..	1·2	—	15	0	35	—	—	—	—
Aberystwyth§	1·0	− 0·8	12	—	—	—	—	—	—
St. Ann's Hd §	0·5	− 1·1	6	—	—	—	—	—	—
Rhayader §	0·4	—	5	1	30	—	—	—	—
Cardiff ...	0·6	—	7	1	28	40·9	+1·2	43·2	− 0·8
Bath .. §	1·0	− 0·4	12	—	—	42·2	—	43·7	—
Shaftesbury ..	—	—	—	—	—	—	—	43·0	—
Weymouth ..	1·3	—	15	—	—	—	—	—	—
Cullompton §	0·6	− 0·9	7	0	39	44·4	—	—	—
Plymouth §	1·0	− 0·6	12	0	37	45·8	+3·6	46·6	—
Newquay §	1·7	0·0	20	—	—	46·2	—	46·9	—
Falmouth §	1·5	− 0·3	17	0	32	46·5	—	47·0	—
Malin Head ..	0·0	—	0	—	—	—	—	—	—
Mallarany ..	0·9	—	11	—	—	—	—	—	—
Markree Castle §	—	—	—	1	26	41·4	+0·7	44·4	− 0·1
Armagh §	0·6	− 0·8	8	1	21	40·0	− 0·1	42·9	− 0·5
Trinity Coll.	—	—	—	2	23	41·6	+0·4	44·0	− 0·2
Phœnix Park §	0·6	− 1·2	7	1	19	—	—	—	—
Dublin City ..	—	—	—	2	25	—	—	—	—
Birr Castle §	0·8	− 0·7	10	1	25	—	—	—	—
Seskin ..	0·7	—	8	2	22	—	—	—	—
Cahirciveen (Valencia O.)§	1·8	+0·3	21	1	30	—	—	—	—
Ballinacurra §	0·7	− 1·1	9	—	—	—	—	—	—
St. Mary's §	—	—	—	—	—	—	—	—	—
Grange §	1·3	− 0·6	15	0	37	45·2	+1·4	46·3	− 0·7
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, January 19th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time d.	Highest Gust. Time h	Highest Gust. Time m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr	hr.	o	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d.	h	m.
0. SCOTLAND, N.																				
Shetlands Lerwick ...	310	42	‡	13	3	13, 14, 16 to 19	48	70	30	17	0	210	48	21	13 1	69	31	13	0	30
Orkneys **Deerness (Cup Anr.)	188	16	5	12	5	12, 13, 15 to 18	60	61	23	0	19	190	42	19	12 17	—	—	—	—	—
1. SCOTLAND, E.																				
Aberdeen Aberdeen ...	72	42	‡	—	0	16, 17	8	67	75	18	0	140	26	12	16 24	37	17	16	22	45
Edinburgh Edinburgh ...	485	39	31	13	1	13, 15	5	49	75	38	0	210	41	18	13 13	63	28	13	12	55
6a. SCOTLAND, W.																				
Renfrew Paisley ...	188	81	15	—	0	—	0	32	126	10	0	90	17	7	16 24	34	15	13	13	50
Dumfries Eskdalemuir ...	825	50	22	—	0	13, 19	7	64	81	16	0	190	38	17	13 12	58	26	13	12	30
2. ENGLAND, N.E.																				
Durham South Shields...	72	61	12	—	0	16, 17	11	59	76	22	0	120	31	14	16 21	40	18	13	5	10
York, E.R. Spurn Head ...	67	41	‡	—	—	13, 16 to 18	32	113	21	2	0	110	31	14	17 2	41	18	17	2	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	74	(82)	(12)	0	190	22	10	13 19	25	11	13	10	0
3. ENGLAND, E.																				
Norfolk Gorleston ...	52	42	‡	—	0	13, 16, 17	29	107	32	0	0	190	29	13	13 21	38	17	13	20	35
Essex Shoeburyness...	103	90	‡	—	0	13, 14, 19	13	140	15	0	0	180	30	13	13 20	52	23	19	16	15
5. ENGLAND, S.E.																				
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	43	122	3	0	180	19	8	13 15	38	17	19	9	5
Kent Lympne ...	409	70	‡			Instrument out of action.														
Surrey Croydon ...	284	40	24	—	0	19	1	66	91	10	0	240	25	11	19 16	51	23	19	15	45
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	39	129	0	0	230	24	11	19 16	46	21	19	15	25
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	13, 18, 19	16	104	48	0	0	230	28	13	19 15	57	25	19	16	0
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	13, 19	4	102	(60)	(2)	0	230	28	13	19 14	45	20	19	14	0
7a. ENGLAND, N.W.																				
Lancashire Fleetwood ...	112	50	12			Instrument out of action.														
Lancashire Southport ...	80	62	48	—	0	13, 17, 19	12	116	38	2	0	260	33	15	19 24	44	20	13	16	5
7b. NORTH WALES.																				
Anglesey Holyhead ...	64	45	‡	—	0	13 to 15, 18, 19	26	108	34	0	0	170	32	14	13 9	57	25	13	8	35
8b. ENGLAND, S.W.																				
Devon Plymouth ...	185	88	2	—	0	13 to 15, 18, 19	52	75	36	5	0	—	34	15	13 6	49	22	19	12	45
Cornwall Pendennis Castle§ ..	256	65	24			Instrument out of action.														
10. IRELAND, S																				
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	13 to 16, 19	20	107	33	8	0	130	34	15	14 18	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	14, 15, 19	12	81	73	2	0	—	33	15	14 18	49	22	14	16	35
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	13, 14, 18, 19	24	101	41	2	0	170	34	15	14 17	67	30	14	16	40
Cork Weaver Pt. ...	160	30	‡	14	2	14, 15, 18	23	78	54	9	2	—	40	18	14 18	55	25	14	18	50
11a. SCILLY ISLES.																				
Scilly St. Mary's	150	32	‡	19	3	13 to 15, 18, 19	63	59	36	3	4	—	39	17	19 11	61	27	19	10	50

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	22	18	8·0	19	10	4·5	25	14	6·2	19	11	4·7	20	14	6·2	21	17	7·5	25	14	6·4	25	12	5·4
North	1	2	0·9	1	7	3·1	1	3	1·5	5	2	1·0	3	3	1·3	2	13	5·6	0	—	—	3	13	6·1
West	7	7	3·3	6	13	4·8	9	6	2·6	6	9	3·8	9	10	4·4	10	18	7·9	9	11	4·8	7	14	6·2
East	17	14	6·3	14	4	2·1	13	13	6·0	14	8	3·6	19	13	5·8	12	10	4·5	17	8	3·6	21	17	2·9
Calm (or wind-speed < 4 m.p.h.)	0	—	—	8	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—
No record	4	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 24th January, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. 17

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
FOURTH WEEK of 1924—January 20th to January 26th, 1924.																			
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	55	27	46·9	37·6	42·4	+4·1	15	+ 8	12	− 20	6	+ 1	1·89	48	+ 8	1·1	+0·2	15	1008
Eastern.																			
1. SCOTLAND, EAST ..	53	23	45·8	35·7	41·0	+3·5	11	+ 3	18	− 19	5	+ 1	0·67	17	+ 3	1·5	− 0·2	19	1012
2. ENGLAND, N.E. ..	49	30	44·8	37·3	41·2	+2·8	8	0	13	− 20	4	+ 1	0·89	23	+14	1·7	+0·1	21	1019
3. ENGLAND, EAST ..	51	30	45·0	37·5	41·4	+3·1	8	0	13	− 21	5	+ 1	1·21	31	+22	1·9	− 0·2	22	1021
4. MIDLAND COUNTIES	52	29	46·7	37·8	42·4	+3·9	15	+ 6	12	− 23	6	+ 2	1·15	29	+17	1·8	+0·2	21	1020
5. ENGLAND, S.E. ..	52	29	47·5	40·1	44·0	+4·5	19	+10	5	− 21	4	0	1·09	28	+16	2·1	+0·2	24	1022
Western.																			
6. SCOTLAND, WEST[1] ..	50	31	47·3	38·5	43·1	+3·5	18	+ 7	10	− 15	6	+ 1	1·59	40	+14	0·9	− 0·7	11	1015
7. ENGLAND, N.W.[2] ..	57	33	47·8	39·4	43·8	+4·1	20	+11	7	− 18	6	+ 2	1·07	27	+ 9	1·9	+0·3	24	1018
8. ENGLAND, S.W.[3] ..	53	31	48·1	40·6	44·5	+3·4	21	+ 8	4	− 16	6	+ 2	1·71	43	+22	2·3	+0·5	27	1020
9. IRELAND, NORTH ..	56	32	49·7	40·1	45·1	+4·3	27	+15	5	− 15	5	0	0·88	22	+ 2	1·2	− 0·3	15	1011
10. IRELAND, SOUTH ..	57	29	50·7	40·9	46·0	+3·6	31	+13	3	− 13	6	+ 1	1·11	28	+ 8	1·5	− 0·4	17	1015
11. CHANNEL ISLANDS[4]	53	37	50·6	43·9	47·4	+3·1	38	+14	0	− 8	5	0	0·76	19	+ 3	2·8	+0·6	32	1021
MEAN: DISTRICTS 1-10	57	23	47·3	38·8	43·3	+3·7	18	+ 7	9	− 18	5	+ 1	1·14	29	+13	1·7	− 0·1	20	1017
THE SEASON (Winter).—Aggregates, &c., for the Period of 8 Weeks, December 2nd, 1923, to January 26th, 1924.																			
0. SCOTLAND, NORTH ..	55	18	42·9	35·1	39·2	+0·6	42	− 12	201	− 37	42	0	9·20	234	− 38	0·8	+ 0·1	11	1006
Eastern.																			
1. SCOTLAND, EAST ..	54	11	41·3	32·5	37·1	− 0·4	28	− 21	303	+10	40	+ 7	5·00	127	− 2	1·3	+ 0·1	19	1008
2. ENGLAND, N.E. ..	54	19	41·5	33·4	37·7	− 1·0	20	− 38	264	+23	30	0	4·16	105	+13	1·5	+ 0·2	20	1012
3. ENGLAND, EAST ..	52	22	42·7	34·0	38·5	− 0·1	27	− 41	223	− 36	35	+ 2	4·62	117	+24	1·5	0·0	19	1013
4. MIDLAND COUNTIES	53	15	43·7	33·7	38·9	+0·4	47	− 26	219	− 53	36	+ 3	5·36	136	+26	1·4	+ 0·1	18	1013
5. ENGLAND, S.E. ..	54	18	45·3	36·0	40·9	+0·6	81	− 19	146	− 49	36	+ 5	5·31	135	+13	1·8	+ 0·3	22	1014
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	43·7	34·8	39·4	− 0·6	60	− 19	203	+20	45	+ 7	10·35	262	+30	1·3	+ 0·2	18	1010
7. ENGLAND, N.W.[2] ..	57	16	44·4	36·3	40·6	+0·5	68	− 14	147	− 43	41	+ 7	6·53	165	+12	1·4	+ 0·2	18	1011
8. ENGLAND, S.W.[3] ..	55	20	46·9	38·5	42·9	+1·0	129	− 2	81	− 58	43	+ 7	8·56	218	+21	1·6	+ 0·1	20	1013
9. IRELAND, NORTH ..	56	18	46·6	38·2	42·6	+1·6	124	+25	90	− 70	47	+ 6	7·73	195	+23	1·3	0·0	17	1008
10. IRELAND, SOUTH ..	57	26	48·4	39·7	44·3	+1·7	180	+24	54	− 69	43	+ 4	8·54	215	+19	1·2	− 0·3	15	1011
11. CHANNEL ISLANDS[4]	53	33	49·8	43·0	46·5	+1·2	260	+31	8	− 40	44	+ 3	7·28	186	+19	1·8	− 0·1	22	1014
MEAN: DISTRICTS 1-10 ..	57	11	44·5	35·7	40·3	+0·4	76	− 13	173	− 33	40	+ 5	6·62	167	+18	1·4	+ 0·1	19	1011
THE YEAR. Aggregates, &c., for the Period of 4 Weeks, December 30th, 1923, to January 26th, 1924.																			
0. SCOTLAND, NORTH ..	55	18	43·6	35·9	39·9	+1·7	25	+ 1	85	− 44	20	0	4·20	107	− 25	0·8	0·0	12	1004
Eastern.																			
1. SCOTLAND, EAST ..	54	11	41·9	32·6	37·4	+0·2	16	− 7	144	− 9	20	+ 4	2·49	64	+ 6	1·2	− 0·1	17	1007
2. ENGLAND, N.E. ..	53	19	41·8	33·7	37·9	− 0·2	11	− 13	124	− 9	15	+ 1	2·10	53	+13	1·3	0·0	17	1011
3. ENGLAND, EAST ..	52	23	43·0	34·8	39·0	+1·2	18	− 9	101	− 45	18	+ 2	2·47	63	+22	1·6	0·0	20	1013
4. MIDLAND COUNTIES	53	15	43·7	34·5	39·3	+1·5	28	− 3	104	− 46	20	+ 4	3·32	84	+36	1·3	− 0·1	16	1011
5. ENGLAND, S.E. ..	52	18	45·5	37·2	41·5	+1·2	46	+ 8	60	− 54	18	+ 3	2·95	75	+25	1·8	+ 0·2	22	1013
Western.																			
6. SCOTLAND, WEST[1] ..	50	20	44·1	35·3	39·9	+0·5	33	− 2	92	− 10	23	+ 4	5·75	146	+43	0·8	− 0·4	11	1008
7. ENGLAND, N.W.[2] ..	57	22	45·0	36·7	41·1	+1·7	43	+ 9	70	− 36	20	+ 4	3·57	90	+22	1·4	+ 0·1	17	1009
8. ENGLAND, S.W.[3] ..	55	20	46·9	39·3	43·3	+2·3	69	+15	32	− 52	23	+ 6	5·33	135	+54	1·4	− 0·2	17	1010
9. IRELAND, NORTH ..	56	18	46·9	38·7	43·0	+2·4	68	+22	40	− 47	24	+ 4	3·99	101	+22	1·1	− 0·3	14	1004
10. IRELAND, SOUTH ..	57	27	48·8	40·5	44·8	+2·7	97	+26	20	− 49	24	+ 5	5·52	139	+51	1·0	− 0·6	12	1005
11. CHANNEL ISLANDS[4]	53	34	49·7	43·5	46·7	+2·4	137	+41	6	− 27	22	+ 2	4·31	110	+42	1·9	− 0·1	23	1011
MEAN: DISTRICTS 1-10 ..	57	11	44·8	36·3	40·7	+1·3	43	+ 5	79	− 36	21	+ 4	3·75	95	+29	1·3	− 0·1	16	1009
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg F	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England. N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual
	Rainfall ..	Moderate	Moderate	Heavy	Very Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Moderate	Heavy	Moderate
	Sunshine ..	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Scanty	Abundant	Abundant	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 8 weeks from Dec. 2nd, 1923.	Warmth ..	3, 4 1	3, 2, 3	1, 4, 3	2, 5, 1	2, 4, 2	2, 5, 1	2, 3, 3	3, 3, 2	3, 4, 1	3, 4, 1	3, 4, 1	3, 5, 0
	Rainfall ..	1, 4, 3	0, 7, 1	2, 5, 1	4, 3, 1	4, 3, 1	3, 4, 1	4, 4, 0	3, 4, 1	4, 2, 2	3, 4, 1	4, 1, 3	4, 2, 2
	Sunshine ..	2, 6, 0	3, 4, 1	3, 5, 0	0, 7, 1	2, 5, 1	1, 7, 0	4, 2, 2	5, 3, 0	3, 4, 1	1, 6, 1	0, 4, 4	1, 4, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Islands as a whole, there was a continuance of the unsettled conditions which have prevailed for several weeks past. There were bright intervals, but rain fell on several days and in some parts the measurements were fairly large. Among the largest amounts recorded were 21mm. at Mallarany (Mayo) on the 20th, 23mm. at Pembroke (St. Ann's Head) on the 21st, 27mm. at Lerwick and 22mm. at Cambridge on the 22nd, while on the 25th and 26th Achnashellach (Ross-shire) had falls of 29mm. and 31mm. and Onich (Inverness) 31mm. and 26mm. respectively. The total amount of rainfall for the week was in excess of the normal in nearly all parts of the country. The mean temperature for the week was above the normal in all Districts and the average excess was nearly 4°F. Maximum temperatures above 50°F. were registered in several places, the highest reading, 59°F., being recorded at Dublin (Phœnix Park) on the 21st. The lowest screen minimum temperature obtained was 23°F. at Balmoral on the 21st, but ground frosts occurred in most parts of the country and in a few places the grass temperatures were rather low. There were one or two sunny days in various parts of our Islands, notably at the beginning and towards the end of the week and at a number of stations on the 25th sunshine values of more than 7hrs. were registered. Among the largest amounts were 7·8hrs. at Bournemouth and Malvern, 7·7hrs. at Ross-on-Wye, Porton (Salisbury Plain) and Weymouth and 7·6hrs. at Portsmouth and Littlehampton. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·6hrs. at Newquay to -0·9hr. at Aberdeen and Rothesay. Fog occurred in many parts of the country, while in and around London for about two hours (between 12h. and 14h.) on the 23rd it was exceptionally dark or gloomy. Solar halos were observed at Dublin, Richmond (Kew Observatory) and Tenbury (Worcester) on the 20th and at Oxford on the 20th and 26th. The halos at Oxford were accompanied by parhelia. Lunar halos were seen at Dublin, Southampton and Tunbridge Wells on the 20th, at Llandudno on the 21st and at Guernsey on the 20th, 21st and 22nd. The Zodiacal Light was observed at Oxford on the 25th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	48	25, 26	35	21st	44·6	40·1	42·4	+3·5	5	1·89	48	+19
Orkneys	Deerness	160	p	48	25, 26	34	21st	45·4	37·9	41·8	+2·9	6	1·42	36	+11
Hebrides	Stornoway ¶	51	t	51	25, 26	28	21st	47·3	38·3	43·0	+3·6	6	1·49	38	+ 2
	Castlebay	37	t	51	25th	38	21st	47·0	42·7	44·9	—	7	0·66	17	—
Caithness	Wick ... ¶	81	t	48	25th	32	21st	44·6	39·3	42·1	+4·1	5	0·68	17	- 1
Ross and	Strathpeffer ¶	125	a	52	26th	27	21st	48·0	32·0	40·3	+2·8	5	1·09	28	+ 6
Cromarty	Achnashellach ¶	225	h	49	23, 25, 26	30	21st	46·4	38·6	42·7	—	6	3·14	80	—
Inverness	Inverness	242	h	49	25, 26	30	22nd	45·6	36·1	41·0	—	7	0·46	12	—
	Fort Augustus ¶	68	a	52	21st	28	21st	48·3	34·3	41·6	+2·8	6	1·66	42	+ 5
	Onich ... ¶	48	h	55	22nd	34	21st	48·9	40 6	44·9	—	7	3·28	83	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	50	22, 25, 26	29	21st	46·4	37·0	41·9	+4·2	5	0·52	13	+ 2
Elgin	Gordon Castle ¶	101	p	53	26th	32	21st	47·9	37·3	42·8	+4·2	3	0·54	14	+ 3
Aberdeen	Aberdeen ... ¶	46	t	48	26th	30	21st	44·9	38·0	41·6	—	3	0·73	19	+ 7
	Balmoral ... ¶	930	a	50	26th	23	21st	45·1	29·9	37·8	+3·1	5	0·28	7	- 8
Perth	Crieff ... ¶	478	p	49	25th	30	21st	45·0	35·6	40·5	+2·9	6	1·26	32	+10
Forfar	Dundee	147	a	48	25, 26	33	21st	45·9	36·1	41·2	—	4	0·68	17	—
Fife	Inchkeith ... ¶	190	t	50	22nd	35	21st	46·4	39·7	43·2	—	3	0·66	17	—
Midlothian	Edinburgh ...	441	p	51	22nd	34	21st	46·9	39·3	43·3	+4·9	4	0·38	10	0
Peebles	West Linton ¶	770	a	50	21st	27	21st	45·7	33·9	40·0	+5·2	7	0·68	17	—
Berwick	Marchmont ¶	498	a	47	22, 23	29	21st	45·3	34·3	40·0	+3·0	5	0·66	17	+ 4
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	50	21st	32	20, 21	47·7	37·1	42.6	—	7	2·00	51	—
Renfrew	Renfrew ... ¶	36	t	50	25th	31	21st	46·7	39·3	43·2	—	6	1·28	33	—
Bute	Rothesay ... ¶	200	p	50	25th	37	21st	46·9	39·0	43·1	+3·1	7	1·78	45	+19
Ayr	Kilmarnock ¶	90	a	50	21st	35	21st	48·0	39·1	43·7	+5·5	7	1 51	38	+19
	Colmonell... ¶	170	a	49	20, 21, 26	33	21st	48·0	38·6	43·5	+4·3	6	1·50	38	+13
Dumfries	Dumfries ... ¶	140	p	49	22nd	32	21st	46·7	36·0	41·6	+3·0	7	1·30	33	+17
	Eskdalemuir ...	794	t	48	22nd	26	21st	43·7	35·6	39·8	—	7	2·15	55	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	0·8	—	11	—	—	—	—	—	—
Deerness §	1·0	- 0·1	13	—	—	—	—	—	—
Stornoway §	0·8	- 0·2	11	—	—	—	—	—	—
Castlebay ..	1·1	—	14	—	—	—	—	—	—
Achnashellach	—	—	—	3	22	—	—	—	—
Inverness §	1·6	—	21	2	25	—	—	—	—
Onich ...	0·5	—	7	1	27	—	—	—	—
Nairn §	2·3	—	30	—	—	—	—	—	—
Gordon Castle	2·2	—	29	—	—	—	—	—	—
Aberdeen §	0·9	- 0·9	10	3	23	—	—	39·2	- 0·4
Balmoral	—	—	—	4	19	—	—	—	—
(Kinc). Crathes§	—	—	—	3	24	36·8	—	38·5	—
Dundee §	1.1	—	14	1	28	36·3	—	—	—
Inchkeith ...	—	—	—	—	—	—	—	—	—
Edinburgh §	2·1	+0·2	26	1	26	—	—	—	—
West Linton	—	—	—	4	22	—	—	—	—
Marchmont §	0·9	- 0·7	12	—	—	—	—	—	—
Ford ..	—	—	—	2	27	39·1	—	40·3	—
Renfrew ..	0·9	—	11	2	15	—	—	—	—
Rothesay §	0·8	- 0·9	10	0	31	39·6	—	41·5	- 0·4
Kilmarnock ..	0·8	—	11	—	—	39·5	—	41·0	—
Colmoneli ..	—	—	—	2	27	—	—	—	—
Dumfries .	0·8	—	10	3	24	39·0	+1·7	40·2	- 0·1
Eskdalemuir §	0·5	- 0·7	6	2	24	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	48	25, 26	35	23rd	47·0	40·6	43·9	+2·8	5	1·74	44	+24
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	48	26th	30	21st	44·7	34·6	39·9	+2·8	4	1·14	29	+18
	Tynemouth ¶	118	t	49	26th	34	21st	45·7	39·7	42·8	+3·9	4	0·77	19	+11
Durham	Durham ... ¶	336	p	47	26th	30	21st	44·6	35·7	40·3	+2·8	3	0·53	13	+ 5
York, N. Riding	Rounton ... ¶	249	p	46	22, 26	30	25th	44·9	36·0	40·6	+3·2	6	0·72	18	+10
	West Witton ...	605	a	48	26th	30	25th	44·9	35·9	40·6	—	6	0·86	22	—
	Scarborough ¶	118	h	47	20th	35	21st	44·7	38·4	41·7	+2·6	4	0·85	22	+12
	York ... ¶	56	p	49	26th	33	21st	45·9	37·9	42·1	+3·7	5	0·90	23	+14
E. Riding	Spurn Head ¶	26	t	45	25th	35	21st	42·0	37·9	40·0	+1·2	3	1·20	31	+24
Lincoln	Lincoln ... ¶	58	a	47	20, 26	34	21, 25	45·6	37·3	41·6	+3·9	3	0·97	25	+17
	Cranwell ... ¶	236	t	48	26th	31	21st	45·0	38·0	41·6	+3·9	3	0·93	23	+15
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	45	20 22, 25	34	24, 26	43·6	36·8	40·3	+1·9	6	1·03	26	+18
	Yarmouth ¶	13	t	49	25th	34	21st	43·9	37·7	40·9	+2·7	4	1·09	28	+19
	Norwich ... ¶	93	a	47	20th	31	21, 26	44·7	35·9	40·5	+2·5	5	1·11	28	+18
	Geldeston ... ¶	37	a	51	25th	33	21st	45·4	36·4	41·1	+2·5	6	1·10	28	+19
Cambridge	Cambridge ¶	41	p	50	25th	30	21, 26	46·7	35·3	41·2	+2·9	3	1·63	41	+33
Hertford	Rothamsted ¶	420	a	48	20th	31	26th	45·1	38·3	41·8	+4·0	4	1·17	30	+19
Middlesex	Tottenham ¶	51	p	49	20th	37	26th	46·7	40·4	43·7	—	4	1·39	35	—
Essex	Clacton-on-Sea ¶	55	t	48	20th	35	26th	43·7	39·4	41·6	+3	4	1·12	28	+21
	Southend	90	h	50	20th	35	26th	45·7	39·1	42·5	—	4	1·30	33	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	48	26th	33	25th	44·0	37·0	40·6	+3·1	7	0·93	23	+ 9
	Sheffield	429	p	50	26th	35	21st	46·9	39·1	43·2	—	6	0·77	20	+ 5
Derby	Buxton	987	p	47	26th	35	21st	44·3	37·4	41·0	+5·0	6	1·85	47	+23
Nottingham	Worksop(Hods'ck)¶	56	a	52	25th	30	21st	47·6	36·7	42·4	+4·0	5	0·66	17	+ 7
	Nottingham ¶	82	t	49	22, 26	34	21st	46·9	39·7	43·4	+5·0	4	0·97	25	+16
Warwick	Birmingham (Edg)¶	525	t	49	20th	33	26th	46·3	38·6	42·6	+4·0	6	1·24	31	+20
Northampton	Oundle ... ¶	147	a	50	25th	31	21st	46·6	37·3	42·1	—	5	0·94	24	—
Oxford	Oxford ... ¶	208	p	51	20, 25	39	25, 26	47·9	41·1	44·6	+5·4	4	1·24	31	+21
Stafford	Cheadle ... ¶	646	a	46	21st	33	21st	44·3	36·6	40·6	+3·6	7	1·48	37	+23
Worcester	Tenbury ... ¶	313	p	51	20, 26	30	23, 25	48·3	35·3	42·1	+2·7	6	0·96	24	+15
	Malvern	377	h	48	20th	34	26th	46·1	40·1	43·2	—	6	1·69	43	—
Hereford	Hereford ... ¶	291	a	51	20th	29	26th	47·9	35·7	42·0	+3·2	7	1·24	31	+19
Gloucester	Clifton ... ¶	225	a	50	20th	35	25th	47·1	39·6	43·5	+3·2	5	1·81	46	+31
5. ENGLAND, S.E.															
London	Westminster ...	27	a	51	20th	35	26th	48·1	42·1	45·2	+5·3	3	1·41	36	+27
	Greenwich ‡ ...	149	a	50	20th	33	26th	47·0	40·1	43·7	+4·8	3	1·29	33	+23
	Hampstead ...	450	a	49	20th	36	26th	45·7	39·4	42·7	—	4	1·46	37	—
	Camden Square ...	110	a	50	20th	36	26th	47·0	40·0	43·6	+4·5	5	1·39	35	+25
Surrey	Richmond (Kew O)¶	18	t	50	20th	35	26th	47·6	41·9	44·9	+5·7	3	1·28	32	+22
	Wisley ... ¶	150	a	50	20th	33	26th	47·3	40·4	44·0	+5·5	4	1·10	28	+18
Kent	Tunbridge Wells ¶	354	h	51	20th	31	26th	47·9	39·7	44·0	+5·9	3	0·94	24	+12
	Margate ... ¶	51	h	49	20, 26	34	26th	46·9	39·6	43·4	+3·8	3	0·67	17	+ 8
	Dungeness ¶	21	t	47	20, 22, 26	32	26th	46·6	41·1	44·0	+4·5	4	0·63	16	+ 6
Sussex	St. Leonards ¶	178	h	50	20th	37	26th	47·3	41·9	44·7	+4·9	4	0·80	20	+ 7
	Worthing... ...	36	h	50	20th	30	26th	47·6	41·3	44·6	—	3	0·77	20	—
I. of Wight	Ventnor ... ¶	59	a	51	20, 25	38	26th	48·9	42·4	45·8	+4·0	3	1·43	36	+22
Hampshire	Southampton ¶	64	p	52	20th	30	26th	48·4	39·0	43·9	+3·5	4	1·22	31	+16
Wiltshire	Marlborough ¶	424	a	51	20th	31	26th	47·6	36·7	42·4	+4·6	5	1·58	40	+26
	Porton ... ¶	363	a	50	20th	29	26th	47·0	37·9	42·6	—	4	1·30	33	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	53	22nd	34	21st	47·0	38·0	42·7	+4·2	7	0·63	16	− 3
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	49	21, 26	34	25th	46·0	37·7	42·0	+3·8	7	1·65	42	+17
	Blackpool... ¶	66	h	48	21, 26	34	25th	46·0	38·6	42·5	+3·4	5	1·25	32	+16
	Southport ¶	37	h	50	26th	36	21, 23, 25	45·9	38·8	42·5	+3·3	7	1·16	29	+14
Manchester	Whitworth Pk. ¶	125	p	51	26th	34	21st	47·1	38·7	43·1	+3·4	6	1·37	35	+21
Cheshire	Liverp'l (Bidston)¶	189	a	50	25, 26	36	24th	47·4	39·4	43·6	+3·8	5	0·77	19	+ 7
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	54	26th	33	23rd	49·7	38·4	44·3	+4·0	6	1·00	25	+14
Carnarvon	Llandudno ¶	22	h	57	26th	37	23, 25	51·1	41·3	46·4	+4.6	4	0·50	13	− 2
Anglesey	Holyhead ... ¶	26	t	49	20, 21, 26	38	23rd	48·5	43·3	45·7	+3·7	6	1·42	36	+19
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	54	21st	36	25th	50·4	42·7	46·7	—	6	0·89	23	—
Pembroke	St. Ann's Hd. ¶	150	t	48	22, 25	38	26rd	47·1	43·9	45·6	+2·8	6	1·66	42	+23
Radnor	Rhayader... ¶	757	a	49	21st	31	23, 24	46·3	36·6	41·6	—	6	1·09	28	—
Glamorgan	Cardiff ... ¶	202	p	51	20th	37	23rd	47·9	40·6	44·4	+5·0	5	1·72	44	+22
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	53	22nd	34	25, 26	48·7	39·9	44·5	+4·7	5	1·85	47	+33
Dorset	Shaftesbury ¶	722	a	48	20th	33	26th	45·6	38·3	42·1	+4·0	5	2·00	51	+35
	Portland Bill ¶	19	t	52	22nd	42	23, 24, 25	49·0	43·9	46·6	+4·3	3	1·50	38	+25
Devon	Arlington ... ¶	613	a	50	21st	37	24, 25	47·4	39·7	43·7	+4·2	6	2·50	64	+36
	Cullompton ¶	202	a	52	20th	33	23rd	48·3	37·7	43·2	+3·0	7	1·90	48	+29
	Plymouth... ¶	116	p	52	20, 26	37	26th	50·1	42·3	46·4	+3·8	7	2·05	52	+32
Cornwall	Newquay ... ¶	190	h	52	21, 26	37	23rd	50·4	42·7	46·7	+3·2	6	0·72	18	0
	Falmouth ... ¶	167	h	52	25, 26	39	23, 24	50·4	43·1	46·9	+3·3	6	0·79	20	− 5
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	53	22nd	37	23rd	49·1	41·1	45·3	+3·7	5	0·75	19	+ 4
Mayo	Blacksod Point ¶	10	t	56	21st	38	23rd	50·4	41·4	46·1	+2·9	6	0·74	19	− 10
	Mallarany ...	120	a	54	21st	40	20, 23	50·0	43·3	46·8	—	6	1·73	44	—
Sligo	Markree Castle ¶	122	p	54	21, 22	32	25th	51·1	38·3	45·0	+4·5	6	1·34	34	+11
Armagh	Armagh ... ¶	204	p	53	21, 26	37	20, 23, 25	49·7	39·7	44·9	+1·6	5	0·78	20	+ 5
Down	Donaghadee ¶	35	t	51	25th	35	23rd	48·0	40·0	44·2	+2·9	5	0·87	22	+ 7
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	56	21st	37	23rd	51·1	41·6	46·5	+4·2	5	0·69	18	+ 6
King's County	Birr Castle ¶	175	t	54	21st	33	23rd	49·6	40·3	45·1	+4·7	6	0·78	20	+ 6
Kilkenny	Kilkenny ... ¶	195	a	52	21, 25	30	23rd	49·9	36·3	43·4	+2·8	6	1·14	29	+13
Waterford	Waterford ¶	137	a	52	21st	29	23rd	49·9	38·4	44·4	+2·5	5	1·30	33	+14
	Seskin, Carrick-on-Suir	542	p	52	21st	33	23rd	49·6	39·9	44·9	—	6	0·94	24	—
Limerick	Foynes ... ¶	50	a	56	21st	35	23rd	51·6	40·4	46·2	+3·9	6	0·74	19	− 1
Kerry	Cahirciveen ¶	30	t	56	21st	37	23rd	50·9	44·6	47·9	+3·2	6	1·83	47	+18
	Killarney ... ¶	174	a	57	21st	35	23rd	52·6	42·4	47·7	+4·6	6	1·00	25	− 6
Cork	Roche's Point ¶	32	t	53	25th	34	23rd	50·3	42·9	46·8	+3·0	6	1·42	36	+14
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	52	20th	43	23rd	51·0	45·9	48·6	+2·9	6	0·66	17	+ 1
Guernsey	Grange ... ¶	173	p	53	20, 26	37	26th	50·4	42·9	46·8	+3·3	5	0·81	21	+ 5
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	1·3	− 0·4	16	1	29	—	—	—	—
Cockle Park §	1·5	− 0·4	19	4	22	38·3	+2·2	38·7	− 0·8
Tynemouth ..	—	—	—	0	32	—	—	—	—
Durham §	1·6	0·0	20	2	26	—	—	—	—
Rounton ..	—	—	—	2	18	37·1	—	—	—
West Witton	—	—	—	3	22	37·5	—	38·4	—
Scarborough †§	1·6	0·0	19	1	29	—	—	39·7	—
York §	1·4	+0·2	17	—	—	38·6	+0·4	40·2	− 1·5
Spurn Head ..	1·8	—	22	—	—	—	—	—	—
Lincoln ..	—	—	—	1	29	38·7	+1·9	39·9	− 1·4
Cranwell §	2·2	+0·3	26	1	25	—	—	—	—
Skegness §	1·9	− 0·1	22	—	—	—	—	—	—
Cromer §	2·1	− 0·1	25	—	—	—	—	—	—
Yarmouth §	2·3	—	27	1	30	39·9	+1·4	41·6	− 1·6
Norwich ..	2·0	—	23	2	25	37·6	—	—	—
Geldeston §	2·0	− 0·2	23	—	—	—	—	—	—
Cambridge §	2·0	− 0·1	24	2	24	40·6	+2·4	41·8	− 0·8
Rothamsted §	2·0	− 0·1	23	2	26	40·2	—	—	—
Tottenham §	1·2	—	14	—	—	—	—	—	—
Clacton-on-Sea §	1·9	− 0·4	22	2	28	40·5	+1·1	42·1	− 1·6
Southend ..	2·0	—	23	0	31	41·5	—	—	—
Harrogate §	1·3	− 0·6	15	3	20	38·8	+1·0	39·4	− 0·7
Sheffield §	1·3	− 0·2	16	1	28	38·7	+1·3	39·8	− 1·8
Buxton ...	1·6	—	20	2	29	37·9	+1·1	38·9	− 2·4
Worksop §	1·4	+0·1	17	4	21	38·9	—	40·2	—
Nottingham §	1·3	− 0·1	15	2	30	39·1	+1·4	39·2	− 0·7
Birmingham §	1·5	+0·2	18	2	22	41·6	+2·3	43·8	− 0·3
Oundle ...	2·1	—	24	3	25	39·8	—	41·3	—
Oxford §	2·3	+0·4	27	3	29	—	—	—	—
Cheadle ...	—	—	—	2	25	—	—	—	—
Tenbury ...	—	—	—	5	24	41·0	—	—	—
Malvern... ...	2·8	—	32	1	30	40·3	—	41·4	—
Ross on Wye §	3·2	—	37	3	27	41·8	—	43·1	—
Clifton §	?2·2	—	25	0	33	—	—	—	—
Westminster	1·2	+0·4	14	1	28	—	—	—	—
Greenwich ..	1·7	+0·3	19	2	24	—	—	—	—
Hampstead ..	1·5	—	18	4	24	—	—	—	—
Camden Square	—	—	—	1	30	41.8	—	42·7	—
Richmond § (Kew Obs.)	1·6	+0·1	19	2	24	42·1	+3.5	43·2	− 0·3
Wisley §	1·7	− 0·1	19	3	21	42·2	+3·4	43·0	+0·1
Tunbridge W'ls §	2·1	+0·3	24	2	20	42·3	—	43·1	—
Margate §	2·1	+0·3	25	0	31	42·2	+2·1	43·1	− 0·2
Folkestone §	1·8	—	21	0	32	—	—	44·0	—
St. Leonards §	2·1	− 0·1	24	1	29	43·0	—	43·5	—
Worthing §	2·0	− 0·2	23	2	25	43·1	+3·4	44·6	+0·3
Ventnor §	3·0	+0·8	34	—	—	—	—	—	—
Southampton §	1·9	0·0	22	1	28	—	—	—	—
Marlborough §	2·3	+0·8	27	2	27	42·1	—	43·9	—
Porton	2·1	—	23	2	23	42·5	—	—	—
Aspatria §	1·4	− 0·3	17	0	31	40·6	+1·7	41·8	− 0·7
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·3	− 0·1	15	1	30	—	—	—	—
Blackpool §	1·3	− 0·6	16	3	25	40·8	—	43·0	—
Southport §	1·5	− 0·4	18	3	26	38·8	+1·8	39·7	− 0·7
Whitworth Pk.	1·0	+0·2	12	—	—	—	—	—	—
Oldham Road	0·5	− 0·2	6	0	34	40·6	+2·7	41·4	− 1·1
Bidston ..	2·8	—	34	0	31	—	—	—	—
(Ches.) Hoylake §	2·6	+0·7	31	—	—	—	—	—	—
Llandudno §	2·7	+0·6	32	—	—	—	—	—	—
Holyhead ..	1·1	—	13	0	32	—	—	—	—
Aberystwyth §	2·4	+0·5	29	—	—	—	—	—	—
St. Ann's Hd §	1·2	− 0·7	14	—	—	—	—	—	—
Rhayader §	1·9	—	22	3	21	—	—	—	—
Cardiff ...	2·8	—	33	1	28	42·3	+2·9	43·7	+0·2
Bath .. §	2·2	+0·5	25	—	—	43·6	—	44·3	—
Shaftesbury ..	—	—	—	—	—	—	—	43·8	—
Weymouth ..	2·5	—	28	—	—	—	—	—	—
Cullompton §	1·7	+0·1	20	2	26	45·0	—	—	—
Plymouth §	2·8	+0·9	32	0	30	45·5	+3·8	47·1	—
Newquay §	3·5	+1·6	40	—	—	46·4	—	47·3	—
Falmouth §	3·0	+1·0	34	0	32	46·2	—	47·3	—
Malin Head ..	1·4	—	17	—	—	—	—	—	—
Mallarany ..	0·8	—	10	—	—	—	—	—	—
Markree Castle §	—	—	—	1	28	43·3	+2·8	44·6	+0·5
Armagh §	1·6	0·0	20	0	33	42·1	+2·2	43·3	+0·1
Trinity Coll.	—	—	—	3	27	43·3	+2·4	44·6	+0·7
Phœnix Park §	1·8	− 0·2	21	2	26	—	—	—	—
Dublin City ..	—	—	—	0	31	—	—	—	—
Birr Castle §	1·1	− 0·7	13	3	26	—	—	—	—
Seskin ..	1·8	—	21	1	23	—	—	—	—
Cahirciveen (Valencia O.) §	1·5	− 0·3	17	0	31	—	—	—	—
Ballinacurra §	1·6	− 0·5	18	—	—	—	—	—	—
St. Mary's §	—	—	—	—	—	—	—	—	—
Grange §	2·8	+0·7	32	1	27	45·1	+2·0	47·0	+0·6
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, January 26th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Buildings.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	12 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																				
Shetlands Lerwick ...	310	42	‡	22 to 26	37	21 to 26	70	30	14	17	0	210	45	20	26 11	66	29	26	11	10
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	21 to 25	40	79	46	3	0	170	37	16	23 23	—	—	—	—	—
1. SCOTLAND, E.																				
Aberdeen Aberdeen ...	72	42	‡	—	0	26	2	79	80	7	0	250	27	12	26 3	50	22	26	3	5
Edinburgh Edinburgh ...	485	39	31	—	0	23 to 26	31	53	39	45	0	230	36	16	26 18	64	29	26	19	45
6a. SCOTLAND, W.																				
Renfrew Paisley ...	188	81	15	—	0	24, 26	6	52	83	27	0	200	28	12	26 21	56	25	26	21	25
Dumfries Eskdalemuir ...	825	50	22	—	0	20, 24, 26	28	39	85	16	0	210	35	16	26 22	51	23	20 26	4 22	15 5
2. ENGLAND, N.E.																				
Durham South Shields...	72	81	12	—	0	20, 26	3	65	83	17	0	230	32	14	26 24	57	25	26	23	55
York, E.R. Spurn Head ...	67	41	‡	—	0	20, 26	12	110	42	4	0	290	30	13	20 10	40	18	20	1	30
Lincoln Cranwell ...	280	43	31	—	0	—	0	44	(103)	(21)	0	230	21	9	26 24	25	11	26	23	35
3. ENGLAND, E.																				
Norfolk Gorleston ...	52	42	‡	—	0	—	0	80	83	5	0	290	22	10	20 11	34	15	20	11	25
Essex Shoeburyness...	103	90	‡	—	0	—	0	60	89	11	8	250	20	9	20 1	31	14	20	3	25
5. ENGLAND, S.E.																				
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	0	86	82	0	280	11	5	20 3	21	9	20	0	15
Kent Lympne ...	409	70	‡	—	0	—	0	45	118	5	0	290	19	9	20 1	27	12	20	0	25
Surrey Croydon ...	284	40	24	—	0	—	0	25	118	25	0	180	18	8	21 20	32	14	20	0	40
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	21	116	13	18	280	20	9	20 3	32	14	20	2	55
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	20	3	50	100	14	1	260	27	12	20 1	39	17	20	2	50
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	20	3	32	(122)	(11)	0	290	27	12	20 2	35	16	20	2	35
7a. ENGLAND, N.W.																				
Lancashire Fleetwood ...	112	50	12			Instrument out of action.														
Lancashire Southport ...	80	62	48	—	0	20, 26	11	82	70	5	0	220	33	15	26 22	48	21	26	21	50
7b. NORTH WALES.																				
Anglesey Holyhead ...	64	45	‡	—	0	20, 26	18	99	46	5	0	200 200 230	30	13	26 22 23 24	49	22	26	22	50
8b. ENGLAND, S.W.																				
Devon Plymouth ...	185	88	2	—	0	—	0	44	83	41	0	—	23	10	22 8	30	13	21	22	20
Cornwall Pendennis Castle ...	256	65	24			Instrument out of action.														
10. IRELAND, S.																				
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	20, 21, 23 to 26	28	58	64	18	0	250	36	16	26 23	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	20, 26	15	72	78	3	0	—	31	14	26 20	47	21	26	20	35
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	20, 21, 23, 25, 26	36	75	51	6	0	190	33	15	21 16	53	24	21	15	5
Cork Weaver Pt. ...	160	30	‡	—	0	21, 23, 24, 26	24	57	81	6	0	—	31	14	26 19	46	21	26	22	0
11a. SCILLY ISLES.																				
Scilly St. Mary's	150	32	‡	—	0	21, 24, 25	12	75	38	22	21	270	31	14	26 2	42	19	20	0	15

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	23	16	7·1	19	11	5·1	22	9	4·0	5	5	2·2	24	13	6·0	18	13	5·9	25	12	5·2	26	13	5·9
North	4	7	3·1	1	3	1·4	4	4	1·7	6	4	1·9	0	—	—	3	9	4·0	0	—	—	0	—	—
West	15	8	3·5	19	12	5·3	15	8	3·5	15	4	1·9	17	7	3·2	16	10	4·4	14	10	4·5	14	7	3·1
East	10	10	4·5	1	2	0 9	11	9	4·0	4	3	1·2	8	5	2·0	3	7	3·0	9	3	1·3	12	5	2·3
Calm (or wind-speed < 4 m.p.h.)	0	—	—	6	—	—	1	—	—	5	—	—	1	—	—	0	—	—	3	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	4	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 31st January, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

METEOROLOGICAL OFFICE LIBRARY 13 FEB 1924

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SUNDAY, JANUARY 27TH TO SATURDAY, FEBRUARY 2ND, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FIFTH WEEK of 1924—January 27th to February 2nd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	53	33	46·6	38·9	42·9	+5·3	15	+ 9	9	− 28	6	0	1·34	34	− 1	1·4	+0·1	17	1018
Eastern.																			
1. SCOTLAND, EAST ..	57	28	47·0	37·3	42·3	+5·0	15	+ 9	13	− 27	3	− 1	0·13	3	− 12	2·5	+0·6	29	1022
2. ENGLAND, N.E. ..	53	29	47·0	38·0	42·7	+3·8	16	+ 8	11	− 19	1	− 3	0·02	1	− 10	3·3	+1·3	37	1027
3. ENGLAND, EAST ..	51	30	45·5	37·1	41·4	+2·6	10	+ 1	14	− 17	1	− 3	0·07	2	− 9	3·2	+0·8	36	1029
4. MIDLAND COUNTIES	51	29	46·7	36·6	41·8	+2·8	13	+ 3	15	− 16	1	− 3	0·01	0	− 13	2·8	+0·8	31	1030
5. ENGLAND, S.E. ..	50	28	46·1	36·3	41·4	+1·2	11	− 1	16	− 8	1	− 3	0·02	1	− 12	3·3	+1·0	36	1031
Western.																			
6. SCOTLAND, WEST[1] ..	50	32	46·6	39·5	43·2	+3·9	15	+ 7	7	− 21	5	0	0·36	9	− 17	1·1	− 0·7	13	1026
7. ENGLAND, N.W.[2] ..	49	32	45·6	40·0	42·9	+3·0	12	+ 3	6	− 18	3	− 2	0·11	3	− 15	2·0	+0·3	23	1030
8. ENGLAND, S.W.[3] ..	51	28	46·8	37·4	42·3	+1·0	15	+ 1	13	− 6	2	− 3	0·05	1	− 20	3·3	+1·1	37	1032
9. IRELAND, NORTH ..	52	32	47·9	39·5	43·9	+3·3	20	+ 8	7	− 15	4	− 1	0·10	3	− 17	2·0	+0·3	23	1028
10. IRELAND, SOUTH ..	51	27	48·1	38·9	43·7	+1·5	21	+ 3	9	− 8	3	− 2	0·12	3	− 17	2·5	+0·5	28	1032
11. CHANNEL ISLANDS[4]	50	36	48·8	41·8	45·5	+1·2	25	+ 2	1	− 5	2	− 3	0·08	2	− 15	3·9	+1·2	42	1033
MEAN: DISTRICTS 1-10	57	27	46·7	38·1	42·6	+2·8	15	+ 4	11	− 15	2	− 2	0·10	3	− 14	2·6	+0·6	29	1029

THE SEASON (Winter).—Aggregates, &c., for the Period of 9 Weeks, December 2nd, 1923, to February 2nd, 1924.

0. SCOTLAND, NORTH ..	55	18	43·3	35·6	39·6	+1·1	57	− 3	210	− 65	48	0	10·54	268	− 39	0·8	0·0	12	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	41·9	33·0	37·7	+0·2	43	− 12	316	− 17	43	+ 6	5·13	130	− 14	1·4	+ 0·1	20	1009
2. ENGLAND, N.E. ..	54	19	42·1	33·9	38·2	− 0·6	36	− 30	275	+ 4	31	− 3	4·18	106	+ 3	1·7	+ 0·4	22	1013
3. ENGLAND, EAST ..	52	22	43·0	34·3	38·8	+0·2	37	− 40	237	− 53	36	− 1	4·69	119	+15	1·7	+ 0·1	21	1015
4. MIDLAND COUNTIES	53	15	44·0	34·1	39·2	+0·7	60	− 23	234	− 69	37	0	5·37	136	+13	1·6	+ 0·3	20	1015
5. ENGLAND, S.E. ..	54	18	45·4	36·0	40·9	+0·6	92	− 20	162	− 57	37	+ 2	5·33	136	+ 1	1·9	+ 0·3	24	1016
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	44·0	35·3	39·9	0·0	75	− 12	210	− 1	50	+ 7	10·71	271	+13	1·3	+ 0·2	17	1011
7. ENGLAND, N.W.[2] ..	57	16	44·6	36·7	40·8	+0·7	80	− 11	153	− 61	44	+ 5	6·64	168	− 3	1·5	+ 0·3	19	1013
8. ENGLAND, S.W.[3] ..	55	20	46·8	38·4	42·8	+1·0	144	− 1	94	− 64	45	+ 4	8·61	219	+ 1	1·8	+ 0·2	22	1015
9. IRELAND, NORTH ..	56	18	46·8	38·4	42·7	+1·8	144	+33	97	− 85	51	+ 5	7·83	198	+ 6	1·3	0·0	17	1010
10. IRELAND, SOUTH ..	57	26	48·4	39·6	44·2	+1·7	201	+27	63	− 77	46	+ 2	8·66	218	+ 2	1·3	− 0·3	17	1013
11. CHANNEL ISLANDS[4]	53	33	49·7	42·9	46·4	+1·3	285	+33	9	− 45	46	0	7·36	188	+ 4	2·1	+ 0·1	25	1016
MEAN: DISTRICTS 1-10 ..	57	11	44·7	36·0	40·5	+0·6	91	− 9	184	− 48	42	+ 3	6·71	170	+ 4	1·5	+ 0·2	20	1013

THE YEAR. Aggregates, &c., for the Period of 5 Weeks, December 30th, 1923, to February 2nd, 1924.

0. SCOTLAND, NORTH ..	55	18	44·2	36·5	40·5	+2·4	40	+10	94	− 72	26	0	5·54	141	− 26	0·9	0·0	13	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·9	33·5	38·4	+1·2	31	+ 2	157	− 36	23	+ 3	2·62	67	− 6	1·5	+ 0·1	20	1010
2. ENGLAND, N.E. ..	53	19	42·8	34·6	38·9	+0·6	27	− 5	135	− 28	16	− 2	2·12	54	+ 3	1·7	+ 0·2	21	1014
3. ENGLAND, EAST ..	52	23	43·5	35·2	39·5	+1·5	28	− 8	115	− 62	19	− 1	2·54	65	+13	1·9	+ 0·1	23	1016
4. MIDLAND COUNTIES	53	15	44·3	34·9	39·8	+1·8	41	0	119	− 62	21	+ 1	3·33	84	+23	1·6	+ 0·1	20	1015
5. ENGLAND, S.E. ..	52	18	45·6	37·0	41·5	+2·0	57	+ 7	76	− 62	19	0	2·97	76	+13	2·1	+ 0·3	25	1016
Western.																			
6. SCOTLAND, WEST[1] ..	50	20	44·6	36·2	40·5	+1·1	48	+ 5	99	− 31	28	+ 4	6·11	155	+26	0·9	− 0·4	11	1012
7. ENGLAND, N.W.[2] ..	57	22	45·1	37·4	41·4	+1·9	55	+12	76	− 54	23	+ 2	3·68	93	+ 7	1·5	+ 0·1	19	1013
8. ENGLAND, S.W.[3] ..	55	20	46·9	38·9	43·1	+2·1	84	+16	45	− 58	25	+ 3	5·38	136	+34	1·8	+ 0·1	21	1014
9. IRELAND, NORTH ..	56	18	47·1	38·9	43·2	+2·6	88	+30	47	− 62	28	+ 3	4·09	104	+ 5	1·3	− 0·1	16	1009
10. IRELAND, SOUTH ..	57	27	48·7	40·1	44·6	+2·5	118	+29	29	− 57	27	+ 3	5·64	142	+34	1·3	− 0·4	16	1011
11. CHANNEL ISLANDS[4]	53	34	49·6	43·1	46·5	+2·2	162	+43	7	− 32	24	− 1	4·39	112	+27	2·3	+ 0·2	27	1015
MEAN: DISTRICTS 1-10 ..	57	11	45·1	36·7	41·1	+1·7	58	+ 9	90	− 51	23	+ 2	3·85	98	+15	1·6	0·0	19	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual." &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Unusual	Moderate	Unusual	Unusual	Moderate	Unusual	Moderate	Moderate
	Rainfall ..	Moderate	Light	Very Light	Light	Very Light	Very Light	Light	Light	Very Light	Very Light	Very Light	Very Light
	Sunshine ..	Moderate	Moderate	Abundant	Abundant	Abundant	Abundant	Scanty	Abundant	Abundant	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 9 weeks from Dec. 2nd, 1923.	Warmth ..	4, 4 1	4, 2, 3	2, 4, 3	3, 5, 1	3, 4, 2	2, 6, 1	3, 3, 3	4, 3, 2	3, 5, 1	4, 4, 1	3, 5, 1	3, 6, 0
	Rainfall ..	1, 5, 3	0, 7, 2	2, 5, 2	4, 3, 2	4, 3, 2	3, 4, 2	4, 4, 1	3, 4, 2	4, 2, 3	3, 4, 2	4, 1, 4	4, 2, 3
	Sunshine ..	2, 7, 0	3, 5, 1	4, 5, 0	1, 7, 1	3, 5, 1	2, 7, 0	4, 2, 3	6, 3, 0	4, 4, 1	1, 7, 1	0, 5, 4	2, 4, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Isles generally the weather of the week was for the most part of an anticyclonic type, being characterised by light to moderate winds, light rainfall and fairly high day temperatures. There were, however, one or two rather heavy falls of rain in Scotland, but in all other parts of the country the total amount for the week was considerably less than the normal and in several places the week was rainless. The mean temperature for the week was above the normal in all Districts, the average excess being about 3°F. The highest temperatures of the week occurred on various days and at a number of places maximum readings above 50°F. were registered, the highest being 57°F. at Gordon Castle (Elgin) on January 29th. The lowest of the screen minimum temperatures, 27°F., was recorded at Kilkenny on February 1st, but ground frosts occurred in most parts of the country and in a few places grass temperatures slightly below 20°F. were registered. The brightest days in most parts of our islands were at the beginning and towards the end of the week and at a number of stations notably on February 1st, sunshine values of more than 8 hours were obtained; among the largest amounts recorded being 8·5 hrs. at Littlehampton and at Malvern (Worcester). The total amount of sunshine for the week was above the normal in nearly all places and the departure of the mean daily duration from the normal ranged from +2·6 hrs. at Falmouth to −1·5 hrs. at Eskdalemuir. Mist or fog was reported in several places. An Aurora was seen on January 29th at Aberdeen, Crathes, Dundee, Gordon Castle, Inverness and at Durham. Solar halos were observed at Oxford on January 28th and February 2nd. Lunar halos were seen at Oxford on January 27th and at Clacton on the 28th. A parhelion was observed at Ross-on-Wye on February 1st and at Oxford on the 2nd. The Zodiacal Light was witnessed at Oxford and Ross-on-Wye on January 27th and February 1st.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	t	48	29th	36	27, 28, 1	45·0	38·7	42·0	+4·1	7	1·61	41
Orkneys	Deerness	160	p	—	—	—	—	—	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	50	29th	34	1st	46·9	40·6	43·9	+5·3	6	1·13	29
	Castlebay	37	t	49	2nd	37	1st	47·3	43·1	45·3	—	6	0·26	7
Caithness	Wick ... ¶	81	t	50	29th	33	1st	45·6	38·7	42·3	+5·1	6	0·45	11
Ross and Cromarty	Strathpeffer ¶	125	a	51	29th	33	1st	48·1	37·4	43·0	+6·2	2	0·61	15
	Achnashellach ¶	225	h	49	2nd	35	1st	45·6	39·9	42·9	—	7	3·29	83
Inverness	Inverness	242	h	53	29th	33	1st	47·0	38·6	43·0	—	5	0·25	6
	Fort Augustus	68	a	53	29th	33	27, 1	48·4	36·4	42·6	+5·6	4	0·68	17
	Onich ... ¶	48	h	50	2nd	36	1st	46·9	40·7	43·9	—	7	1·61	41
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	54	29th	34	1st	46·6	39·9	43·4	+5·9	6	0·25	6
Elgin	Gordon Castle ¶	101	p	57	29th	34	27, 1	48·4	38·9	43·8	+5·3	3	0·09	2
Aberdeen	Aberdeen ... ¶	46	t	53	29th	34	30, 1	47·6	38·1	43·0	—	2	0·13	3
	Balmoral ... ¶	930	a	54	29th	31	1st	49·1	35·6	42·6	+8·2	3	0·07	2
Perth	Crieff ... ¶	478	p	53	29th	31	1st	47·9	36·4	42·4	+4·8	3	0·06	2
Forfar	Dundee	147	a	54	29th	34	27th	48·6	37·6	43·3	—	2	0·05	1
Fife	Inchkeith ... ¶	190	t	49	29, 2	33	27th	45·7	39·1	42·5	—	2	0·06	1
Midlothian	Edinburgh ...	441	p	50	2nd	33	1st	47·0	38·3	42·8	+4·6	3	0·09	2
Peebles	West Linton ¶	770	a	47	29, 2	28	1st	45·0	34·9	40·2	+5·3	6	0·32	8
Berwick	Marchmont ¶	498	a	50	29th	31	1st	45·6	35·9	40·9	+3·9	3	0·06	2
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	48	29, 1, 2	32	27th	47·0	39·3	43·3	—	6	0·95	24
Renfrew	Renfrew ... ¶	36	t	50	29th	36	27, 1	46·9	40·9	44·0	—	3	0·10	3
Bute	Rothesay ... ¶	200	p	49	29th	35	1st	46·4	39·1	42·9	+3·1	7	0·44	11
Ayr	Kilmarnock ¶	90	a	48	29, 1, 2	36	1st	46·9	39·9	43·5	+5·3	6	0·40	10
	Colmonell... ¶	170	a	47	27, 29, 2	38	1st	46·3	40·1	43·3	+4·4	6	0·31	8
Dumfries	Dumfries ... ¶	140	p	50	29, 2	34	1st	47·3	37·0	42·4	+3·9	3	0·13	3
	Eskdalemuir ...	794	t	49	29th	28	1st	44·1	36·4	40·4	—	6	0·45	11

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal.
	hr	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	0·5	—	7	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	0·7	−0·6	9	—	—	—	—	—	—
Castlebay ..	1·0	—	11	—	—	—	—	—	—
Achnashellach	—	—	—	2	27	—	—	—	—
Inverness §	2·0	—	24	1	30	—	—	—	—
Onich ...	0·2	—	3	1	30	—	—	—	—
Nairn §	2·0	—	25	—	—	—	—	—	—
Gordon Castle	2·1	—	25	—	—	—	—	—	—
Aberdeen §	2·3	+0·3	27	2	25	—	—	39·8	+0·4
Balmoral	—	—	—	2	25	—	—	—	—
(Kinc). Crathes§§	—	—	—	4	20	38·4	—	39·2	—
Dundee §	2·8	—	33	0	31	39·0	—	—	—
Inchkeith ...	2 5	—	29	—	—	—	—	—	—
Edinburgh §	3·0	+0·9	35	0	31	—	—	—	—
West Linton	—	—	—	2	27	—	—	—	—
Marchmont §	2·2	+0·4	26	—	—	—	—	—	—
Ford ..	—	—	—	0	31	41.2	—	41·1	—
Renfrew ..	0·8	—	10	1	30	—	—	—	—
Rothesay §	0 8	−0·7	10	0	31	40·9	—	42·3	+0·5
Kilmarnock ..	0·7	—	8	—	—	41·0	—	41·7	—
Colmonell ..	—	—	—	0	31	—	—	—	—
Dumfries ..	1·8	—	21	1	25	40·2	+2·8	41·0	+0·9
Eskdalemuir §	0·4	−1·5	5	1	27	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	48	29th	36	1st	45·6	40·3	43·1	+2·3	2	·18	5	− 16	Douglas §	2·1	+0·1	24	0	31	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	—	—	31	1st	—	35·0	—	—	1	0·01	0·3	− 13	Cockle Park §	3·7	+1·4	43	4	21	38·9	+2·7	39·8	+0·5
	Tynemouth ¶	118	t	51	2nd	35	1st	47·7	39·1	43.6	+4·2	1	0·01	0·3	− 10	Tynemouth ..	—	—	—	0	33	—	—	—	—
Durham	Durham ... ¶	336	p	50	29th	32	30th	47·3	36·1	41·9	+3·9	2	0·03	1	− 9	Durham §	3·3	+1·3	39	3	28	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	50	2nd	29	29, 1	47·3	35·6	41.7	+3·7	4	0·05	1	− 9	Rounton ..	—	—	—	3	19	38·1	—	—	—
	West Witton ...	605	a	48	29th	31	1st	45·6	36·9	41·4	—	1	0·02	1	—	West Witton	—	—	—	6	24	37·8	—	39·0	—
	Scarborough ¶	118	h	53	2nd	35	1st	48·6	40·0	44·5	+4·8	1	0·05	1	− 11	Scarborough †§	3·3	+1·4	38	1	30	—	—	40·3	—
	York ... ¶	56	p	50	29th	34	1st	47·7	39·3	43·7	+4·6	1	0·02	1	− 10	York §	2·8	+1·3	33	—	—	39·3	+1·3	40·7	− 0·6
E. Riding	Spurn Head ¶	26	t	46	30, 2	36	1st	44·1	39·0	41·7	+2·4	1	0·01	0·2	− 9	Spurn Head ..	2·7	—	30	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	49	29, 2	33	1st	46·9	37·4	42·3	+3·7	0	0·00	0	− 10	Lincoln ..	—	—	—	2	28	38·7	+1·9	40·5	− 0·4
	Cranwell ... ¶	236	t	48	29, 2	32	1st	46·1	37·3	41·9	+3·4	0	0·00	0	− 10	Cranwell §	3·3	+1·1	37	1	28	—	—	—	—
																Skegness §	3·0	+0·6	34	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	49	2nd	34	1st	44·7	37·7	41·3	+2·4	2	0·09	2	− 7	Cromer §	3·3	+0·8	38	—	—	—	—	—	—
	Yarmouth ¶	13	t	50	2nd	35	2nd	45·1	37·7	41·6	+3·0	2	0·11	3	− 8	Yarmouth §	3·5	—	40	1	30	40·3	+2·0	42·0	− 0·8
	Norwich ... ¶	93	a	49	2nd	33	27th	44·6	36·4	40·7	+2·1	2	0·10	3	− 9	Norwich ..	3·5	—	39	1	29	37·1	—	—	—
	Geldeston ... ¶	37	a	51	2nd	33	1st	45·8	36·0	41·1	+2·0	3	0·10	3	− 7	Geldeston §	3·3	+1·0	37	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	51	2nd	30	1st	47·3	36·7	42·2	+3·3	1	0·02	1	− 9	Cambridge §	3·0	+0·6	33	5	28	39·7	+1·7	42·3	+0·1
Hertford	Rothamsted ¶	420	a	48	2nd	32	2nd	44·9	36·0	40·6	+2·2	1	0·01	0·2	− 14	Rothamsted §	3·2	+1·0	36	3	25	38·8	—	—	—
Middlesex	Tottenham ¶	51	p	50	2nd	35	2nd	46·6	38·1	42·5	—	0	0·00	0	—	Tottenham §	2·5	—	28	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	49	2nd	34	2nd	44·7	38·1	41·5	+2·7	1	0·10	3	− 6	Clacton-on-Sea §	3·5	+0·9	39	0	31	40·0	+0·8	42·4	− 1·0
	Southend	90	h	49	2nd	32	2nd	45·7	37·0	41·5	—	3	0·06	2	—	Southend ..	3·3	—	37	1	30	40·7	—	—	—
4. MIDLAND COUNTIES.																									
York, W. Riding	Harrogate ¶	479	h	49	29th	31	1st	45·6	36·7	41·3	+3·4	1	0·02	0·4	− 15	Harrogate §	2·9	+0·7	33	4	18	39·2	+1·5	40·1	+0·3
	Sheffield	429	p	48	27th	35	1st	46·1	39·6	43·0	—	0	0·00	0	− 17	Sheffield §	2·8	+0·9	32	1	29	38·7	+1·4	40·1	− 1·1
Derby	Buxton	987	p	44	27th	32	1st	42·1	36·6	39·5	+3·1	3	0·16	4	− 23	Buxton ...	0·7	—	8	1	28	38·4	+1·7	39·7	− 1·2
Nottingham	Worksop(Hods'ck)¶	56	a	51	29th	29	1st	48·3	35·6	42·2	+3·2	0	0·00	0	− 11	Worksop §	2·1	+0·4	24	6	19	38·7	—	40·7	—
	Nottingham ¶	82	t	50	2nd	34	1st	49·0	38·9	44·2	+5·2	0	0·00	0	− 10	Nottingham §	2·0	+0·3	22	2	26	38·9	+2·4	39.8	+0·3
Warwick	Birmingham (Edg)¶	525	t	47	28,30,2	34	1st	46·0	38·1	42·2	+3·1	1	0·01	0·3	− 12	Birmingham §	2·5	+1·1	29	1	29	40·9	+1·8	44·0	+0·2
Northampton	Oundle ... ¶	147	a	50	2nd	31	2nd	46·9	36·3	41·8	—	0	0·00	0·1	—	Oundle ...	2·7	—	31	2	26	39·7	—	41·8	—
Oxford	Oxford ... ¶	208	p	51	30th	34	1st	47·9	37·6	43·0	+3·2	0	0·00	0	− 11	Oxford §	3·5	+1·3	39	4	24	—	—	—	—
Stafford	Cheadle ... ¶	646	a	46	28, 2	31	1, 2	44·1	34·7	39·6	+1·7	4	0·09	2	− 13	Cheadle ...	—	—	—	4	22	—	—	—	—
Worcester	Tenbury ... ¶	313	p	51	29th	31	28th	46·9	35·7	41·5	+1·7	0	0.00	0	− 10	Tenbury ...	—	—	—	4	22	40·0	—	—	—
	Malvern	377	h	49	29th	35	1st	46·1	38·9	42·6	—	1	0·02	1	—	Malvern... ...	3·4	—	38	0	31	39·2	—	41·4	—
Hereford	Hereford ... ¶	291	a	50	29th	30	1st	43·9	35·6	41·5	+2·1	0	0·00	0	− 14	Ross on Wye §	3·4	—	37	3	25	40·1	—	43 0	—
Gloucester	Clifton ... ¶	225	a	46	27,28,2	33	1st	45·1	36·4	40·9	+0·2	1	0 01	0·3	− 17	Clifton §	3·2	—	36	0	31	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	49	28th	33	2nd	47·0	37·1	42·3	+1·6	0	0·00	0	− 10	Westminster	2·4	+1·3	26	3	26	—	—	—	—
	Greenwich ‡ ...	149	a	49	2nd	34	2nd	45·9	37·6	41·9	+2·1	1	0·01	0·3	− 10	Greenwich ..	2·4	+0·7	27	6	26	—	—	—	—
	Hampstead ...	450	a	—	—	—	—	—	—	—	—	—	—	—	—	Hampstead ..	—	—	—	—	—	—	—	—	—
	Camden Square ...	110	a	49	28, 2	33	2nd	46·7	37·4	42·2	+2·2	1	0·01	0 3	− 11	Camden Square	—	—	—	2	29	40·3	—	43·0	—
Surrey	Richmond (Kew O)¶	18	t	49	2nd	33	2nd	46·7	37·4	42·2	+2·1	0	0·01	0·2	− 10	Richmond § (Kew Obs.)	3·0	+1·1	33	5	22	39·7	+1 4	43·5	+0·4
	Wisley ... ¶	150	a	48	2nd	33	30, 2	46·1	35·6	41·1	+1·7	0	0·00	0	− 11	Wisley §	2·8	+0·7	31	6	19	39·6	+1·1	43·2	+0·7
Kent	Tunbridge Wells ¶	354	h	49	2nd	31	2nd	45·9	35·7	41·0	+2·0	1	0·01	0·3	− 13	Tunbridge W't §	3·0	+0·8	33	5	19	40·5	—	43·2	—
	Margate ... ¶	51	h	47	2nd	35	2nd	44·0	38·9	41·6	+1·3	1	0·04	1	− 8	Margate §	3·4	+1 2	38	0	32	41·5	+1·7	43·4	+0·5
	Dungeness ¶	21	t	47	28th	28	28th	45·6	37·7	41·8	+1·6	1	0·04	1	− 10	Folkestone §	3·3	—	36	1	30	—	—	44·3	—
Sussex	St. Leonards ¶	178	h	48	2nd	32	2nd	45·9	38 6	42·4	+1 9	3	0·07	2	− 12	St. Leonards §	3·6	+0·9	39	1	28	41·2	—	43·9	—
	Worthing... ...	36	h	49	2nd	29	2nd	46·5	36·7	41·8	—	0	0·00	0	—	Worthing §	3·3	+0·6	37	5	22	41·3	+1·7	44·8	+0·9
I. of Wight	Ventnor ... ¶	59	a	50	28th	37	2nd	47·9	39·4	43·8	+1·3	0	0·00	0	− 15	Ventnor §	3·7	+1·0	41	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	48	28, 31	30	2nd	46·1	35·3	40 9	− 0·4	1	0.02	0·4	− 16	Southampton §	3·7	+1·3	41	2	36	—	—	—	—
Wiltshire	Marlborough ¶	424	a	48	2nd	28	1st	46·3	31·7	39·3	+0·7	0	0·02	0·4	− 16	Marlborough §	2·8	+0·9	31	6	25	39·9	—	43·9	—
	Porton ... ¶	363	a	48	2nd	30	28, 2	46·0	32·4	39·5	—	1	0·02	1	—	Porton	3·5	—	39	4	20	40·0	—	—	—
7a. ENGLAND, N.W.																									
Cumberland	Aspatria (Mealsg'e)¶	487	p	46	27, 2	34	1st	44·6	37·3	41·1	+2·4	6	0·18	5	− 16	Aspatria §	1·6	− 0·2	19	0	32	40·7	+1·8	42·3	0·0
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—	Newton Rigg §	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	45	28,31,2	34	1st	44·3	38·0	41·3	+2·8	3	0·24	6	− 19	Stonyhurst §	1·4	− 0·1	16	1	29	—	—	—	—
	Blackpool... ¶	66	h	46	1, 2	39	1st	45·3	41·3	43·4	+4·0	4	0·11	3	− 13	Blackpool §	2·0	0·0	23	0	31	41·5	—	43·2	—
	Southport ¶	37	h	47	31, 2	38	1st	44·7	40·8	42·8	+3·3	3	0·08	2	− 13	Southport §	2 1	+0·2	24	0	31	39·6	+2·9	40·2	+0·2
Manchester	Whitworth Pk. ¶	125	p	47	27th	32	1st	45·7	40·1	43·0	+3·0	5	0·13	3	− 11	Whitworth Pk.	0·8	− 0·2	9	—	—	—	—	—	—
																Oldham Road	0·2	− 0·6	2	0	32	40·5	+3·0	42·1	− 0·1
Cheshire	Liverp'l (Bidston)¶	189	a	46	29, 2	38	1, 2	44·6	39·9	42·3	+2·3	3	0·06	1	− 11	Bidston ..	2·2	—	25	0	31	—	—	—	—
																(Ches.)Hoylake§	2·2	+0·3	25	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	49	2nd	37	1st	47·6	39·9	43·9	+3·3	2	0·04	1	− 9										
Carnarvon	Llandudno ¶	22	h	48	30, 31	39	1st	46·6	41·4	44·1	+2·2	2	0·03	1	− 15	Llandudno §	2·5	+0·5	29	—	—	—	—	—	—
Anglesey	Holyhead ... ¶	26	t	49	29th	41	1st	46·4	42·6	44·6	+2·6	3	0·13	3	− 15	Holyhead ..	2·0	—	23	0	36	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ...	16	h	47	2nd	42	27,31,1	46·0	42 6	44·4	—	3	0·22	6	—	Aberystwyth§	2·4	+0·2	27	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	47	28.29,2	39	1st	46·4	41·7	44·1	+1·3	1	0·08	2	− 17	St. Ann's Hd §	3·8	+1·6	43	—	—	—	—	—	—
Radnor	Rhayader... ¶	757	a	45	29th	28	1st	43·6	36·3	40·1	—	1	0·02	0·4	—	Rhayader §	1·8	—	20	2	18	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	—	—	—	—	—	—	—	—	—	—	—	—	Cardiff ...	—	—	—	—	—	—	—	—	—
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	49	27th	31	1st	47·7	34·3	41·3	+1·1	0	0·00	0	− 14	Bath .. §	2·4	+0·3	27	—	—	41·3	—	44·3	—
Dorset	Shaftesbury ¶	722	a	45	27,28,2	32	1st	44·3	34·6	39·6	+1·1	2	0·07	2	− 13	Shaftesbury ..	—	—	—	—	—	—	—	43·9	—
	Portland Bill ¶	19	t	49	2nd	40	29, 1	47·3	42·4	45·0	+2·6	0	0·00	0	− 13	Weymouth ..	5·8	—	64	—	—	—	—	—	—
Devon	Arlington ... ¶	613	a	47	2nd	33	1, 2	45·7	36·8	41·4	+1·7	3	0·13	3	− 24										
	Cullompton ¶	202	a	51	31st	30	2nd	48·7	34·6	41·9	+1·4	2	0 04	1	− 18	Cullompton §	3·0	+1·0	33	6	22	42·7	—	—	—
	Plymouth... ¶	116	p	49	29,30,2	32	2nd	48·3	37·3	43·0	+0·3	4	0·10	3	− 16	Plymouth §	3·4	+1 1	37	2	28	42·5	+1·0	46·9	—
Cornwall	Newquay	190	h	49	31, 2	40	31st	47·1	42·7	45·0	+1·4	2	0·11	3	− 15	Newquay §	4·9	+2·5	53	—	—	44·9	—	47·4	—
	Falmouth... ¶	167	h	51	30, 31	36	1st	49 3	39·0	44·4	+0·7	2	0·02	1	− 24	Falmouth §	5·1	+2·6	55	3	29	44·0	—	47·2	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	50	27th	37	1st	47·3	41·7	44·6	+3·8	7	0·22	6	− 10	Malin Head ..	1·1	—	13	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	50	27,29,2	35	1st	49·6	39·7	44·9	+2·5	3	0·07	2	− 27										
	Mallaranny ...	120	a	50	29, 2	38	1st	48·3	41·7	45·1	—	3	0·58	15	—	Mallaranny ..	2·5	—	29	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	52	29th	32	1st	49·3	38·9	44·3	+4·4	5	0·14	4	− 19	Markree Castle §	—	—	—	1	28	43·3	+2·7	44·8	+1·0
Armagh	Armagh ... ¶	204	p	49	29th	32	1st	47·0	37·9	42·6	+2·9	1	0·03	1	− 14	Armagh §	1·5	− 0·2	17	1	28	42 2	+2·3	43·7	+0·8
Down	Donaghadee ¶	35	t	50	29th	38	1st	47·1	39·6	43·5	+2·8	2	0·02	1	− 14										
10. IRELAND, S.																Trinity Coll.	—	—	—	2	25	42·6	+1·6	44·7	+1·0
Dublin	Dublin City ¶	54	p	51	27th	35	1st	48·3	39·4	44·0	+1·8	1	0 03	1	− 11	Phœnix Park §	2·2	+0·1	25	2	25	—	—	—	—
King's County	Birr Castle ¶	175	t	49	30,31,2	32	1st	47·4	39·0	43·4	+3·0	4	0·12	3	− 11	Dublin City ..	—	—	—	1	29	—	—	—	—
Kilkenny	Kilkenny ... ¶	195	a	50	29, 2	27	1st	47·7	33·7	41·0	+0·3	0	0·00	0	− 16	Birr Castle §	2·7	+0·8	30	2	26	—	—	—	—
Waterford	Waterford ¶	137	a	51	2nd	33	1, 2	47·9	36·7	42·5	+0·7	2	0·04	1	− 18										
	Seskin, Carrick-on-Suir	542	p	49	27, 2	31	1st	47·0	36·1	41·8	—	4	0·05	1	—	Seskin ..	3·2	—	36	2	22	—	—	—	—
Limerick	Foynes ... ¶	50	a	51	2nd	36	1st	48·7	40·1	44·6	+2·3	5	0·20	5	− 14										
Kerry	Cahirciveen ¶	30	t	50	2nd	36	28th	48·0	42·6	45·4	+0·9	5	0·22	6	− 24	Cahirciveen (Valencia O.)§	2·0	+0·1	23	0	31	—	—	—	—
	Killarney ... ¶	174	a	49	27,30,2	34	1st	48·7	39·3	44·2	+1·3	4	0·11	3	− 28										
Cork	Roche's Point ¶	32	t	49	30, 2	35	1st	47·9	40·3	44·3	+0·7	3	0·23	6	− 16	Ballinacurra §	2·9	+0·7	32	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	50	28, 31	41	30th	49·1	43·4	46·4	+0·7	4	0·12	3	− 14	St. Mary's §	—	—	—	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	50	28, 2	36	27th	48·7	41·0	45·0	+1·3	1	0·06	1	− 15	Grange §	3·6	+1·0	39	3	28	42·7	+0·1	46·5	+0·6
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—	St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, February 2nd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time. d. h. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d hr.	m.p.h	m/s.	d. h. m.
0. SCOTLAND, N.																		
Shetlands Lerwick ...	310	42	‡	30	4	27 to 2	63	61	38	2	0	230	41	18	30 11	59	26	30 11 15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	26, 27, 31, 1	33	79	55	1	0	260	36	16	1 24	—	—	— — —
1. SCOTLAND, E.																		
Aberdeen Aberdeen ...	72	42	‡	—	0	2	19	48	72	29	0	300	31	14	2 6	56	25	2 5 0
Edinburgh Edinburgh ...	485	39	31	—	0	1, 2	20	110	32	6	0	270	30	13	2 12	46	21	2 12 30
6a. SCOTLAND, W.																		
Renfrew Paisley ...	188	81	15	—	0	2	1	65	100	2	0	310	25	11	2 3	47	21	2 2 30
Dumfries Eskdalemuir ...	825	50	22	—	0	28, 1, 2	16	95	57	0	0	270	29	13	2 18	55	25	2 17 50
2. ENGLAND, N.E.																		
Durham South Shields...	72	61	12	—	0	27, 1, 2	32	98	31	7	0	270	36	16	2 5	54	24	2 11 15
York, E.R. Spurn Head ...	67	41	‡	—	0	27, 28, 1, 2	43	81	44	0	0	290	36	16	2 9	53	24	27 3 30
Lincoln Cranwell ...	280	43	31	—	0	—	0	55	(95)	(18)	0	280	24	11	27 4	35	16	27 3 35
3. ENGLAND, E.																		
Norfolk Gorleston ...	52	42	‡	—	0	—	0	45	99	24	0	330	21	9	28 11	33	15	28 11 15
Essex Shoeburyness...	103	90	‡	—	0	—	0	56	84	20	8	330	20	9	27 12	33	15	27 11 35
5. ENGLAND, S.E.																		
Surrey Richmond (Kew Obs.)...	32	65	22	—	0	—	0	0	80	88	0	330	12	5	27 11	26	11	27 11 5
Kent Lympne ...	409	70	‡	—	0	—	0	54	94	20	0	340	22	10	28 11	30	13	27 9 20
Surrey Croydon ...	284	40	24	—	0	—	0	10	133	25	0	250	17	8	27 5	27	12	27 11 15
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	18	128	22	0	300	19	9	2 24	28	13	27 12 40
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	27, 2	2	63	91	11	1	300	25	11	2 14	35	16	2 14 5
Wiltshire Larkhill, S'y Plain ...	513	63	42	—	0	—	0	31	(114)	(23)	0	330 / 340	19	9	27 11 / 28 13	24	11	27 10 30
7a. ENGLAND, N.W.																		
Lancashire Fleetwood ...	112	50	12			Instrument out of action.												
Lancashire Southport ...	80	62	48	—	0	27, 28, 1, 2	38	83	47	0	0	250	35	16	27 1	55	25	27 1 5
7b. NORTH WALES.																		
Anglesey Holyhead ...	64	45	‡	—	0	27, 2	15	111	42	0	0	270	30	13	27 2/7	46	21	27 0 40
8b. ENGLAND, S.W.																		
Devon Plymouth ...	185	88	2	—	0	—	0	1	60	107	0	—	15	7	27 6	26	12	27 5 30
Cornwall Pendennis Castle§ ...	256	65	24			Instrument out of action.												
10. IRELAND, S.																		
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	27, 1, 2	20	88	50	10	0	270	32	14	27 1	—	—	— — —
Clare Quilty.. ...	100	40	‡	—	0	—	0	51	115	2	0	—	24	11	27 3	35	16	27 4 30
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	21	121	26	0	330	17	8	27 1	27	12	27 0 40
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	19	135	14	0	—	16	7	27 1	28	13	31 13 15
11a. SCILLY ISLES.																		
Scilly St. Mary's	150	32	‡	—	0	—	0	62	79	27	0	300	23	10	27 4	29	13	27 4 5

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.
§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	18	10	4·5	14	6	2·6	7	5	2·3	8	2	1·1	16	6	2·6	1	4	1·7	15	4	1·9	10	8	3·5
North	7	6	2·7	4	4	1·7	13	5	2·1	11	5	2·1	9	4	1·9	20	9	4·2	4	3	1·2	12	5	2 1
West	28	13	5·6	27	15	6·8	24	9	3·9	22	4	1·9	28	15	6·6	15	7	3·2	25	16	7·2	18	6	2·5
East	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	1	0·4
Calm (or wind-speed < 4 m.p.h.)	0	—	—	1	—	—	0	—	—	5	—	—	0	—	—	3	—	—	2	—	—	6	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 7th February, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK S.E.1.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 6.

SIXTH WEEK.
SUNDAY, FEBRUARY 3RD TO SATURDAY, FEBRUARY 9TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2/0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

SIXTH WEEK of 1924—January 27th to February 9th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	51	31	46·0	40·1	43·0	+5·4	12	+ 7	5	− 32	5	0	0·90	23	− 6	0·8	− 0·7	9	1006
Eastern.																			
1. SCOTLAND, EAST ..	52	28	46·3	38·9	42·6	+5·5	13	+ 7	9	− 33	3	− 1	0·32	8	− 6	1·1	− 1·2	13	1008
2. ENGLAND, N.E. ..	54	34	46·7	40·6	43·7	+5·2	16	+ 7	4	− 29	1	− 3	0·11	3	− 6	1·4	− 1·0	15	1012
3. ENGLAND, EAST ..	51	33	46·4	39·0	42·7	+4·1	13	+ 3	8	− 26	3	− 1	0·19	5	− 4	1·0	− 1·5	10	1014
4. MIDLAND COUNTIES	53	33	46·9	40·2	43·5	+4·9	16	+ 6	5	− 29	2	− 2	0·12	3	− 9	1·0	− 1·0	11	1014
5. ENGLAND, S.E. ..	52	31	47·7	38·8	43·2	+3·4	17	+ 5	9	− 18	3	− 1	0·19	5	− 9	1·6	− 0·6	17	1015
Western.																			
6. SCOTLAND, WEST[1] ..	51	34	46·6	41·5	44·1	+5·0	16	+ 9	1	− 29	5	0	0·48	12	− 14	0·6	− 1·5	6	1011
7. ENGLAND, N.W.[2] ..	50	36	46·1	41·8	43·9	+4·3	14	+ 4	1	− 26	3	− 1	0·19	5	− 12	0·5	− 1·4	6	1014
8. ENGLAND, S.W.[3] ..	53	34	47·4	41·4	44·4	+3·4	18	+ 4	2	− 19	2	− 2	0·30	8	− 12	0·8	− 1·4	9	1016
9. IRELAND, NORTH ..	53	36	48·1	42·0	45·1	+4·6	22	+10	0	− 22	4	− 1	0·94	24	+ 4	1·0	− 1·0	11	1011
10. IRELAND, SOUTH ..	51	36	48·1	42·2	45·1	+2·9	22	+ 3	0	− 18	3	− 2	1·47	37	+14	0·9	− 1·3	10	1014
11. CHANNEL ISLANDS[4]	51	42	49·0	43·7	46·4	+2·6	31	+ 9	0	− 10	3	− 1	0·21	5	− 11	1·1	− 1·5	11	1017
MEAN: DISTRICTS 1-10	54	28	47·0	40·6	43·8	+4·3	17	+ 6	4	− 25	3	− 1	0·43	11	− 5	1·0	− 1·2	11	1013

THE SEASON (Winter).—Aggregates, &c., for the Period of 10 Weeks, December 2nd, 1923, to February 9th, 1924.

0. SCOTLAND, NORTH ..	55	18	43·6	36·0	39·9	+1·5	69	+ 4	215	− 97	53	0	11·44	291	− 45	0·8	0·0	11	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·4	33·6	38·1	+0·6	56	− 5	325	− 50	46	+ 5	5·45	138	− 20	1·4	0·0	19	1009
2. ENGLAND, N.E. ..	54	19	42·6	34·6	38·8	+0·1	52	− 23	279	− 25	32	− 6	4·29	109	− 3	1·7	+ 0·3	21	1013
3. ENGLAND, EAST ..	52	22	43·4	34·8	39·2	+0·6	50	− 37	245	− 79	39	− 2	4·88	124	+11	1·6	− 0·1	20	1015
4. MIDLAND COUNTIES	53	15	44·3	34·7	39·7	+1·2	76	− 17	239	− 98	39	− 2	5·49	139	+ 4	1·5	+ 0·1	19	1015
5. ENGLAND, S.E. ..	54	18	45·6	36·3	41·1	+0·9	109	− 15	171	− 75	40	+ 1	5·52	141	− 8	1·9	+ 0·2	23	1016
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	44·3	35·9	40·3	+0·5	91	− 3	211	− 30	55	+ 7	11·19	283	− 1	1·2	0·0	16	1011
7. ENGLAND, N.W.[2] ..	57	16	44·7	37·2	41·1	+1·1	94	− 7	154	− 87	47	+ 4	6·83	173	− 15	1·4	+ 0·1	17	1013
8. ENGLAND, S.W.[3] ..	55	20	46·9	38·7	42·9	+1·2	162	+ 3	96	− 83	47	+ 2	8·91	227	− 11	1·7	+ 0·1	20	1015
9. IRELAND, NORTH ..	56	18	46·9	38·7	43·0	+2·1	166	+43	97	−107	55	+ 4	8·77	222	+10	1·3	− 0·1	17	1011
10. IRELAND, SOUTH ..	57	26	48·4	39·9	44·3	+1·8	223	+30	63	− 95	49	0	10·13	255	+16	1·3	− 0·3	16	1013
11. CHANNEL ISLANDS[4]	53	33	49·6	43·0	46·4	+1·4	316	+42	9	− 55	49	− 1	7·57	193	− 7	2·0	0·0	23	1017
MEAN: DISTRICTS 1-10 ..	57	11	44·9	36·4	40·9	+1·0	108	− 3	188	− 73	45	+ 1	7·15	181	− 2	1·5	0·0	19	1013

THE YEAR. Aggregates, &c., for the Period of 6 Weeks, December 30th, 1923, to February 9th, 1924.

0. SCOTLAND, NORTH ..	55	18	44·5	37·1	40·9	+2·9	52	+17	99	−104	31	0	6·44	164	− 32	0·9	− 0·1	11	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	43·5	34·4	39·1	+1·9	44	+ 9	166	− 69	26	+ 2	2·94	75	− 12	1·4	− 0·2	18	1009
2. ENGLAND, N.E. ..	54	19	43·5	35·6	39·7	+1·4	43	+ 2	139	− 57	17	− 5	2·23	57	− 3	1·6	0·0	20	1014
3. ENGLAND, EAST ..	52	23	44·0	35·9	40·0	+1·9	41	− 5	123	− 88	22	− 2	2·73	70	+ 9	1·8	− 0·1	21	1016
4. MIDLAND COUNTIES	53	15	44·8	35·8	40·4	+2·3	57	+ 6	124	− 91	23	− 1	3·45	87	+14	1·5	− 0·1	18	1015
5. ENGLAND, S.E. ..	52	18	46·0	37·3	41·8	+2·3	74	+12	85	− 80	22	− 1	3·16	81	+ 4	2·0	+ 0·2	24	1016
Western.																			
6. SCOTLAND, WEST[1] ..	51	20	44·9	37·1	41·1	+1·7	64	+14	100	− 60	33	+ 4	6·59	167	+12	0·8	− 0·6	10	1011
7. ENGLAND, N.W.[2] ..	57	22	45·3	38·1	41·8	+2·3	69	+16	77	− 80	26	+ 1	3·87	98	− 5	1·3	− 0·2	16	1013
8. ENGLAND, S.W.[3] ..	55	20	47·0	39·3	43·3	+2·3	102	+20	47	− 77	27	+ 1	5·68	144	+22	1·6	− 0·2	19	1015
9. IRELAND, NORTH ..	56	18	47·3	39·4	43·5	+2·9	110	+40	47	− 84	32	+ 2	5·03	128	+ 9	1·2	− 0·3	15	1009
10. IRELAND, SOUTH ..	57	27	48·6	40·5	44·7	+2·6	140	+32	29	− 75	30	+ 1	7·11	179	+48	1·2	− 0·6	15	1011
11. CHANNEL ISLANDS[4]	53	34	49·5	43·2	46·5	+2·3	193	+52	7	− 42	27	− 2	4·60	117	+16	2·1	− 0·1	24	1016
MEAN: DISTRICTS 1-10 ..	57	11	45·5	37·3	41·5	+2·2	74	+15	94	− 76	26	0	4·28	109	+10	1·4	− 0·2	18	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual
	Rainfall ..	Moderate	Moderate	Light	Moderate	Light	Light	Light	Light	Light	Heavy	Heavy	Light
	Sunshine ..	Scanty	Scanty	Scanty	Very Scanty	Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Scanty	Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 10 weeks from Dec. 2nd, 1923.	Warmth ..	5, 4 1	5, 2, 3	3, 4, 3	4, 5, 1	4, 4, 2	3, 6, 1	4, 3, 3	5, 3, 2	4, 5, 1	5, 1, 1	4, 5, 1	4, 6, 0
	Rainfall ..	1, 6, 3	0, 8, 2	2, 5, 3	4, 4, 2	4, 3, 3	3, 4, 3	4, 4, 2	3, 4, 3	4, 2, 4	4, 4, 2	5, 1, 4	4, 2, 4
	Sunshine ..	2, 7, 1	3, 5, 2	4, 5, 1	1, 7, 2	3, 5, 2	2, 7, 1	4, 2, 4	6, 3, 1	4, 4, 2	1, 7, 2	0, 5, 5	2, 4, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week over the British Isles generally was for the most part dull, but the total amount of rainfall in England and Scotland was considerably less than the normal. In parts of Ireland, however, notably on the 8th, some rather heavy falls of rain were recorded. Among the largest amounts were 57mm. at Cahirciveen (Valencia Observatory), 37mm. at Roche's Point and 36mm. at Killarney and Seskin (Carrick-on-Suir). Snow fell in one or two places in Scotland on the 9th. The mean temperature for the week was decidedly above the normal in all parts of the country, the average excess being slightly above 4°F. Maximum temperatures above 50°F. were registered in many parts of our Islands and at Inverness and York readings of 54°F. occurred. There were no very low screen minimum temperatures recorded, the lowest reading being 28°F. at Balmoral on the 8th, but in a few places grass temperatures slightly below 25°F. were registered. The sunniest day of the week was the 3rd in most parts of the country and at a number of stations in England sunshine values of between 7 and 8 hours were obtained. Among the largest amounts were 8 hours at Ross-on-Wye and 7·8 hours at Margate and Malvern (Worcester). The mean amount of sunshine for the week was below the normal in all Districts. Fog was reported in a few places. Solar halos were observed at Oxford on the 4th and with a parhelion on the 9th. Lunar halos were seen at Clacton and Oxford on the 9th. The Zodiacal Light was observed at Oxford on the 3th and 4th and at Ross-on-Wye on the 6th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week		Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F	°F	°F.	°F		in	mm	mm
Shetlands	Lerwick ¶	54	t	47	3rd	32	6th	42·6	37·3	39·9	+2·1	5	0·73	19	- 1
Orkneys	Deerness	160	p	50	5th	33	6th	45·1	37·6	41·3	+3·4	6	0·50	13	- 6
Hebrides	Stornoway ¶	51	t	48	3, 4, 7	34	7th	46·7	41·6	44·1	+5·5	7	0·81	21	- 7
	Castlebay	37	t	49	3, 4, 5	42	7, 9	47·0	44·0	45·5	—	7	0·80	20	—
Caithness	Wick ... ¶	81	t	48	3, 4	37	6, 7	43·9	40·3	42·1	+4·9	5	0·54	14	0
Ross and Cromarty	Strathpeffer ¶	125	a	50	4th	31	8th	46·7	38·7	42·7	+5·8	5	0·70	18	+ 1
	Achnashellach ¶	225	h	49	4th	31	8th	46·4	40·1	43·3	—	5	2·27	58	—
Inverness	Inverness	242	h	54	3rd	35	8th	47·9	40·4	44·1	—	2	0·12	3	—
	Fort Augustus ¶	68	a	51	6th	35	9th	48·3	39·6	43·9	+6·8	3	0·43	11	- 15
	Onich ... ¶	48	h	51	4th	40	8th	47·4	43·3	45·3	—	7	0·85	21	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	50	4th	33	8th	46·4	40·4	43·4	+6·1	3	0·17	4	- 8
Elgin	Gordon Castle ¶	101	p	50	4, 5	36	8th	46·7	38·7	42·7	+4·4	4	0·36	9	- 3
Aberdeen	Aberdeen ... ¶	46	t	51	5th	36	6th	46·0	42·0	44·0	—	3	0·34	9	- 4
	Balmoral ... ¶	930	a	49	4th	28	8th	44·1	35·9	40·0	+5·8	5	0·51	13	- 4
Perth	Crieff ... ¶	478	p	52	4th	30	9th	47·9	37·1	42·5	+4·9	1	0·33	8	- 15
Forfar	Dundee	147	a	52	4th	35	7th	47·9	40·0	43·9	—	1	0·29	7	—
Fife	Inchkeith ... ¶	190	t	50	5th	39	8, 9	46·1	41·3	43·7	—	1	0·28	7	—
Midlothian	Edinburgh ...	441	p	50	5, 6	34	9th	46·6	39·3	42·9	+4·9	1	0·11	3	- 7
Peebles	West Linton ¶	770	a	49	6, 7, 8	33	7th	46·6	37·0	41·8	+6·8	5	0·42	11	—
Berwick	Marchmont ¶	498	a	51	6th	35	7th	46·9	39·1	43·0	+6·1	1	0·15	4	- 9
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	48	5th	37	7th	46·0	41·6	43·8	—	7	1·31	33	—
Renfrew	Renfrew ... ¶	36	t	51	5th	38	8th	47·1	42·3	44·7	—	5	0·26	7	—
Bute	Rothesay ... ¶	200	p	49	5th	37	9th	46·6	40·7	43·7	+4·0	7	0·44	11	- 16
Ayr	Kilmarnock ¶	90	a	49	4, 5, 7	34	9th	47·1	40·3	43·7	+5·4	5	0·25	6	- 13
	Colmonell... ¶	170	a	48	3, 7	39	8, 9	45·7	41·9	43·8	+5·1	6	0·48	12	- 14
Dumfries	Dumfries ... ¶	140	p	50	4, 5, 6	37	9th	47·4	41·4	44·4	+5·9	2	0·06	1	- 19
	Eskdalemuir ...	794	t	48	6th	35	8, 9	44·3	38·9	41·6	—	5	0·42	11	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr	hr.	%		°F.	°F	°F	°F	°F.
Lerwick ..	0·4	—	5	—	—	—	—	—	—
Deerness §	0·3	- 1·1	4	—	—	—	—	—	—
Stornoway §	0·8	- 0·8	9	—	—	—	—	—	—
Castlebay ..	0·5	—	6	—	—	—	—	—	—
Achnashellach	—	—	—	2	24	—	—	—	—
Inverness §	1·2	—	14	0	32	—	—	—	—
Onich ...	0·2	—	2	0	36	—	—	—	—
Nairn §	1·1	—	13	—	—	—	—	—	—
Gordon Castle	0·7	—	7	—	—	—	—	—	—
Aberdeen §	0·4	- 2·0	5	0	33	—	—	46·2	+0·9
Balmoral	—		—	2	24	—	—	—	—
(Kinc). Crathes§	1·0	- 1·7	11	2	27	39·1	—	39·7	—
Dundee §	1·5	—	16	0	31	40·0	—	—	—
Inchkeith ...	1·3	—	14	—	—	—	—	—	—
Edinburgh §	1·5	- 1·1	17	0	33	—	—	—	—
West Linton	—	—	—	2	30	—	—	—	—
Marchmont §	1·3	- 1·0	14	—	—	—	—	—	—
Ford ..	—	—	—	0	31	41·8	—	41·4	—
Renfrew ..	0·3	—	4	0	34	—	—	—	—
Rothesay §	0·5	- 1·5	5	0	34	42·3	—	43·0	+1·3
Kilmarnock ..	0·6	—	7	—	—	42·3	—	42·4	—
Colmonell ..	—	—	—	0	35	—	—	—	—
Dumfries ..	0·6	—	7	0	32	41·8	+4·1	41·7	+1·6
Eskdalemuir §	0·6	- 1·2	6	0	33	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	50	4th	38	9th	46·4	42·1	44·3	+3·7	5	0·54	14	− 8
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	51	5th	35	7th	46·3	38·6	42·5	+5·4	1	0·18	5	− 6
	Tynemouth ¶	118	t	52	5th	40	7, 8, 9	47·4	42·3	44·9	+6·0	1	0·08	2	− 6
Durham	Durham ... ¶	336	p	51	4th	34	9th	46·7	39·6	43·1	+5·5	1	0·10	3	− 5
York, N. Riding	Rounton ... ¶	249	p	52	4th	36	9th	46·7	40·1	43·4	+5·8	2	0·08	2	− 6
	West Witton ...	605	a	49	4th	35	6th	44·9	40·1	42·5	—	2	0·08	2	—
	Scarborough ¶	118	h	52	3, 4, 5	39	8th	46·7	42·0	44·3	+5·0	1	0·11	3	− 7
	York ... ¶	56	p	54	4th	37	9th	48·1	41·4	44·7	+5·9	1	0·10	3	− 6
E. Riding	Spurn Head ¶	26	t	47	5th	39	8, 9	44·6	41·1	42·9	+4·0	2	0·15	4	− 3
Lincoln	Lincoln ... ¶	58	a	52	4th	36	9th	47·6	40·4	44·0	+5·6	1	0·13	3	− 6
	Cranwell ... ¶	236	t	51	4th	35	9th	46·6	39·9	43·3	+5·1	1	0·04	1	− 8
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	49	4th	36	9th	45·2	38·5	41·9	+3·3	4	0·28	7	0
	Yarmouth ¶	13	t	49	3, 4	38	9th	45·3	39·1	42·2	+3·9	4	0·28	7	− 2
	Norwich ... ¶	93	a	49	4th	37	9th	46·4	38·9	42·7	+4·2	3	0·19	5	− 5
	Geldeston ... ¶	37	a	50	3, 4	37	8, 9	46·6	38·6	42·6	+3·7	3	0·15	4	− 4
Cambridge	Cambridge ¶	41	p	50	3, 4	33	3rd	47·1	38·3	42·7	+3·9	1	0·05	1	− 7
Hertford	Rothamsted ¶	420	a	49	6th	35	9th	46·1	38·7	42·4	+4·2	4	0·20	5	− 6
Middlesex	Tottenham ¶	51	p	51	6th	38	5, 9	48·3	40·7	44·5	—	3	0·29	7	—
Essex	Clacton-on-Sea ¶	55	t	49	3, 6	37	3, 4	46·4	39·4	42·9	+4·4	1	0·07	2	− 5
	Southend	90	h	51	3rd	35	4th	46·7	38·0	42·3	—	4	0·09	2	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	51	6th	33	9th	45·4	39·0	42·2	+4·6	2	0·08	2	− 12
	Sheffield ... ¶	429	p	49	6th	35	9th	46·1	40·9	43·5	—	2	0·13	3	− 12
Derby	Buxton	987	p	44	4, 5, 6	33	9th	42·1	38·1	40·1	+4·1	5	0·56	14	− 10
Nottingham	Worksop(Hods'ck)¶	56	a	53	4th	36	9th	48·3	41·0	44·7	+5·9	1	0·15	4	− 6
	Nottingham ¶	82	t	51	6th	35	9th	46·9	41·9	44·4	+5·7	1	0·12	3	− 6
Warwick	Birmingham (Edg)¶	525	t	49	4th	36	9th	45·4	40·1	42·7	+4·0	3	0·17	4	− 7
Northampton	Oundle ... ¶	147	a	50	6th	35	4th	47·0	39·0	43·0	—	2	0·04	1	—
Oxford	Oxford ... ¶	208	p	51	6th	37	4th	48·1	39·9	44·0	+4·5	1	0·02	1	− 9
Stafford	Cheadle ... ¶	646	a	47	4th	34	9th	44·0	38·9	41·5	+3·9	3	0·29	7	− 6
Worcester	Tenbury ... ¶	313	p	53	6th	39	8th	48·1	41·7	44·9	+5·5	2	0·10	3	− 6
	Malvern	377	h	51	6th	38	8, 9	46·7	41·1	43·9	—	3	0·12	3	—
Hereford	Hereford ... ¶	291	a	53	6th	39	4, 8, 9	48·4	40·0	44·2	+5·0	2	0·13	3	− 10
Gloucester	Clifton ... ¶	225	a	50	5, 6	36	3rd	47·4	40·3	43·9	+3·5	2	0·06	1	− 14
5. ENGLAND, S.E.															
London	Westminster ...	27	a	52	6th	35	3rd	48·4	38·6	43·5	+3·1	3	0·23	6	− 4
	Greenwich ‡ ...	149	a	51	6th	37	3, 4	47·7	39·0	43·3	+3·8	4	0·27	7	− 4
	Hampstead ...	450	a	50	3, 6	32	3rd	46·1	37·1	41·6	—	4	0·19	5	—
	Camden Square ...	110	a	51	6th	35	3rd	47·7	38·6	43·1	+3·4	4	0·22	6	− 5
Surrey	Richmond(Kew O)¶	18	t	51	6th	37	3, 4	47·9	40·2	44·1	+4·3	3	0·06	1	− 9
	Wisley ... ¶	150	a	50	6th	36	3, 4	47·4	38·9	43·1	+4·0	3	0·13	3	− 9
Kent	Tunbridge Wells ¶	354	h	51	4th	34	3, 4	47·6	37·3	42·5	+3·8	4	0·52	13	− 1
	Margate ... ¶	51	h	47	3, 6	37	9th	46·1	39·9	43·0	+3·2	2	0·16	4	− 5
	Dungeness ¶	21	t	51	4th	37	4th	47·3	40·1	43·7	+4·0	3	0·17	4	− 7
Sussex	St. Leonards ¶	178	h	50	4, 6	35	4th	47·7	39·1	43·4	+3·4	4	0·44	11	− 2
	Worthing... ...	36	h	51	4th	34	4th	48·0	39·1	43·5	—	2	0·14	4	—
I. of Wight	Ventnor ... ¶	59	a	52	6th	38	4th	48·7	40·6	44·7	+2·8	2	0·06	2	− 12
Hampshire	Southampton ¶	64	p	52	4, 6	33	3rd	48·9	38·6	43·7	+2·7	3	0·15	4	− 11
Wiltshire	Marlborough ¶	424	a	51	4th	31	3rd	47·4	36·9	42·1	+3·9	1	0·03	1	− 15
	Porton ... ¶	363	a	52	6th	33	3, 4	48·0	36·1	42·1	—	2	0·14	4	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	48	6th	36	8, 9	45·0	39·3	42·1	+3·7	5	0·19	5	− 16
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	47	4, 6	36	9th	44·9	40·1	42·5	+4·2	5	0·39	10	− 13
	Blackpool... ¶	66	h	48	4, 7	38	9th	45·4	41·6	43·5	+4·4	2	0·22	6	− 9
	Southport ¶	37	h	47	4th	37	9th	44·8	41·4	43·1	+3·8	5	0·28	7	− 7
Manchester	Whitworth Pk. ¶	125	p	48	4, 5, 6	38	9th	45·9	42·0	43·9	+4·0	5	0·22	5	− 8
Cheshire	Liverp'l (Bidston)¶	189	a	47	4, 5	38	9th	45·4	41·4	43·4	+3·7	4	0·17	4	− 7
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	50	4th	38	9th	48·0	42·6	45·3	+4·9	1	0·03	1	− 9
Carnarvon	Llandudno ¶	22	h	49	4th	39	8th	47·3	43·1	45·2	+3·6	2	0·07	2	− 12
Anglesey	Holyhead ... ¶	26	t	49	4th	41	8th	47·4	44·1	45·7	+4·1	2	0·21	5	− 11
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	48	8th	41	8th	46·6	43·1	44·9	—	2	0·08	2	—
Pembroke	St. Ann's Hd. ¶	150	t	48	4, 6, 9	43	8, 9	47·1	44·1	45·6	+3·2	2	0·35	9	− 9
Radnor	Rhayader... ¶	757	a	46	6th	37	8, 9	44·4	39·7	42·1	—	3	0·25	6	—
Glamorgan	Cardiff ... ¶	202	p	51	3, 6	39	8th	48·7	40·9	44·8	+5·0	2	0·32	8	− 11
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	53	6th	34	3rd	48·6	40·1	44·3	+4·2	2	0·07	2	− 12
Dorset	Shaftesbury ¶	722	a	47	3, 6	35	3, 4	45·3	37·4	41·3	+2·9	2	0·13	3	− 12
	Portland Bill ¶	19	t	51	5th	40	3rd	49·1	43·7	46·4	+4·3	1	0·04	1	− 12
Devon	Arlington ... ¶	613	a	48	9th	39	8th	45·9	40·8	43·3	+3·8	2	0·21	5	− 21
	Cullompton ¶	202	a	50	3, 6, 9	37	3, 4	48·9	40·0	44·5	+4·1	2	0·28	7	− 11
	Plymouth... ¶	116	p	51	9th	40	3rd	48·1	43·6	45·9	+3·5	2	0·71	18	− 1
Cornwall	Newquay	190	h	51	9th	42	8th	47·4	44·3	45·9	+2·7	2	0·39	10	− 7
	Falmouth... ¶	167	h	51	9th	41	3rd	48·3	43·9	46·1	+2·7	2	0·62	16	− 8
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	49	4th	41	7, 8, 9	47·1	43·3	45·2	+4·6	6	0·88	22	+ 6
Mayo	Blacksod Point ¶	10	t	50	4, 6, 8	—	—	49·4	—	—	—	3	1·17	30	+ 3
	Mallaranny ...	120	a	51	5th	40	8, 4	49·1	42·3	45·7	—	4	1·59	40	—
Sligo	Markree Castle ¶	122	p	52	4th	36	7th	49·0	41·1	45·1	+5·2	4	1·53	39	+16
Armagh	Armagh ... ¶	204	p	51	4th	39	7, 8, 9	47·6	41·6	44·6	+4·9	4	0·73	19	+ 4
Down	Donaghadee ¶	35	t	53	4th	39	7th	48·7	43·3	46·0	+5·4	3	0·53	13	− 2
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	51	4th	40	8, 9	48·4	42·6	45·5	+3·3	2	0·54	14	+ 1
King's County	Birr Castle ¶	175	t	50	4th	38	7th	47·1	41·0	44·1	+3·6	4	0·82	21	+ 5
Kilkenny	Kilkenny ... ¶	195	a	50	4th	36	3rd	47·7	40·0	43·9	+3·1	3	0·95	24	+ 7
Waterford	Waterford ¶	137	a	51	9th	38	7th	48·6	41·3	45·0	+3·1	3	1·37	35	+13
	Seskin, Carrick-on-Suir	542	p	48	4, 5, 9	37	7, 9	46·0	38·9	42·5	—	4	1·72	44	—
Limerick	Foynes ... ¶	50	a	—	—	41	9th	—	43·7	—	—	6	1·26	32	+11
Kerry	Cahirciveen ¶	30	t	50	9th	40	9th	48·1	42·9	45·5	+1·2	4	2·92	75	+40
	Killarney ... ¶	174	a	51	9th	39	9th	48·5	42·1	45·3	+2·7	3	2·22	56	+21
Cork	Roche's Point ¶	32	t	50	4th	42	9th	48·3	43·6	45·9	+2·4	3	1·69	43	+18
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	51	8, 9	42	7th	48·9	44·3	46·6	+1·5	4	0·45	11	− 5
Guernsey	Grange ... ¶	173	p	51	9th	42	3rd	49·1	43·4	46·3	+3·0	2	0·09	2	− 13
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	0·6	− 1·8	7	0	37	—	—	—	—
Cockle Park §	1·2	− 1·4	14	2	28	40·3	+4·0	40·7	+1·5
Tynemouth ..	—	—	—	0	35	—	—	—	—
Durham §	1·6	− 0·6	18	0	32	—	—	—	—
Rounton ..	—	—	—	0	31	39·6	—	—	—
West Witton	—	—	—	0	31	39·1	—	39·7	—
Scarborough †§	0·8	− 1·5	8	0	34	—	—	41·1	—
York §	1·9	+0·1	21	—	—	40·6	+2·4	41·1	0·0
Spurn Head ..	1·1	—	12	—	—	—	—	—	—
Lincoln ..	—	—	—	0	34	40·3	+3·3	41·0	+0·4
Cranwell §	1·6	− 1·0	17	0	31	—	—	—	—
Skegness §	1·1	− 1·6	12	—	—	—	—	—	—
Cromer §	0·9	− 1·7	10	—	—	—	—	—	—
Yarmouth §	0·8	—	9	0	34	41·3	+2·7	42·6	0·0
Norwich ..	0·8	—	9	0	33	38·4	—	—	—
Geldeston §	0·8	− 1·5	9	—	—	—	—	—	—
Cambridge §	1·0	− 1·5	10	4	24	40·2	+1·9	42·2	+0·2
Rothamsted §	1·1	− 1·1	12	0	31	39·6	—	—	—
Tottenham §	0·9	—	9	—	—	—	—	—	—
Clacton-on-Sea §	1·2	− 1·5	13	0	33	40·9	+1·4	42·8	− 0·3
Southend ..	1·3	—	14	0	31	41·0	—	—	—
Harrogate §	1·4	− 0·9	15	2	27	40·5	+2·7	40·8	+1·1
Sheffield §	0·8	− 1·2	9	0	31	39·9	+2·5	40·5	− 0·3
Buxton ...	0·0	—	0	0	33	39·4	+2·5	40·2	− 0·5
Worksop §	1·0	− 0·8	11	2	30	40·0	—	41·0	—
Nottingham §	0·7	− 1·1	7	0	33	40·2	+3·4	40·2	+1·0
Birmingham §	0·1	− 1·5	1	0	34	41·3	+2·1	44·0	+0·5
Oundle ...	0·9	—	9	2	27	40·2	—	42·0	—
Oxford §	1·1	− 1·1	12	1	29	—	—	—	—
Cheadle ...	—	—	—	1	30	—	—	—	—
Tenbury ...	—	—	—	0	34	41·6	—	—	—
Malvern... ...	1·5	—	16	0	35	40·5	—	41·5	—
Ross on Wye §	1·7	—	18	0	34	41·4	—	43·0	—
Clifton §	1·4	—	15	0	31	—	—	—	—
Westminster	0·4	− 0·6	4	3	29	—	—	—	—
Greenwich ..	0·4	− 1·2	4	4	29	—	—	—	—
Hampstead ..	1·1	—	12	6	24	—	—	—	—
Camden Square	—	—	—	2	29	40·2	—	42·9	—
Richmond § (Kew Obs.)	1·1	− 0·7	11	2	28	40·1	+1·6	43·2	+0·4
Wisley §	1·2	− 0·6	13	4	23	40·5	+1·7	42·8	+0·6
Tunbridge W'ls §	1·8	− 0·2	19	3	24	40·8	—	42·9	—
Margate §	1·4	− 0·7	15	0	35	41·7	+1·9	43·6	+1·0
Folkestone §	1·4	—	15	1	25	—	—	44·8	—
St. Leonards §	1·4	− 1·0	15	0	31	41·0	—	43·8	—
Worthing §	2·0	− 0·6	21	3	27	40·8	+0·9	44·1	+0·4
Ventnor §	2·1	− 0·4	22	—	—	—	—	—	—
Southampton §	2·2	0·0	23	3	27	—	—	—	—
Marlborough §	1·3	− 0·4	14	3	26	40·2	—	43·6	—
Porton	2·1	—	22	3	28	39·7	—	—	—
Aspatria §	0·8	− 1·3	8	0	31	41·7	+2·9	42·6	+0·5
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	0·2	− 1·6	2	0	36	—	—	—	—
Blackpool §	1·0	− 1·2	10	0	31	42·7	—	43·6	—
Southport §	0·4	− 1·7	4	0	34	41·5	+4·6	41·1	+1·3
Whitworth Pk.	0·0	− 1·2	0	—	—	—	—	—	—
Oldham Road	0·0	− 1·0	0	0	37	41·9	+4·4	42·8	+0·8
Bidston ..	0·3	—	4	0	34	—	—	—	—
(Ches.)Hoylake §	0·3	− 1·8	3	—	—	—	—	—	—
Llandudno §	0·6	− 1·5	6	—	—	—	—	—	—
Holyhead ..	1·2	—	13	0	35	—	—	—	—
Aberystwyth §	0·7	− 1·4	7	—	—	—	—	—	—
St. Ann's Hd §	0·7	− 1·5	8	—	—	—	—	—	—
Rhayader §	0·4	—	5	0	36	—	—	—	—
Cardiff ...	1·9	—	20	1	30	40·9	+1·4	43·9	+1·1
Bath .. §	1·1	− 1·0	12	—	—	40·8	—	43·7	—
Shaftesbury ..	—	—	—	—	—	—	—	43·3	—
Weymouth ..	2·5	—	26	—	—	—	—	—	—
Cullompton §	1·7	− 0·3	18	2	26	43·0	—	—	—
Plymouth §	0·6	− 1·7	6	0	34	43·0	+1·3	46·1	—
Newquay §	0·7	− 1·6	7	—	—	45·2	—	47·2	—
Falmouth §	0·5	− 2·0	5	0	32	44·6	—	46·7	—
Malin Head ..	0·2	—	3	—	—	—	—	—	—
Mallaranny ..	1·5	—	17	—	—	—	—	—	—
Markree Castle §	—	—	—	0	36	44·0	+3·3	45·0	+1·4
Armagh §	0·4	− 1·6	4	0	37	43·1	+3·1	43·8	+1·0
Trinity Coll.	—	—	—	1	30	43·5	+2·4	44·6	+1·0
Phœnix Park §	0·3	− 2·0	3	0	34	—	—	—	—
Dublin City .	—	—	—	0	33	—	—	—	—
Birr Castle §	1·3	− 0·7	14	1	30	—	—	—	—
Seskin ..	0·5	—	6	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	1·1	− 1·1	11	0	37	—	—	—	—
Ballinacurra §	1·0	− 1·4	11	—	—	—	—	—	—
St. Mary's §	0·9	− 1·5	9	—	—	—	—	—	—
Grange §	1·2	− 1·3	12	0	32	43·7	+1·1	46·0	+0·5
St. Helier's §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, February 9th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	3 to 5	15	3 to 6, 8, 9	83	37	10	23	0	300	47	21	5	9	72	32	5	8	45
Orkneys **Deerness (Cup Anr.)	188	16	5	2, 3, 5	21	2 to 6, 8	88	20	31	8	0	270	45	20	5	2	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	3, 5, 9	29	67	62	10	0	150	34	15	9	9	59	26	5	9	0
Edinburgh Edinburgh ...	485	39	31	—	0	3 to 5, 9	33	69	50	16	0	280	32	14	5	7	53	24	5	2	30
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	5	7	82	77	2	0	310	28	13	5	10	54	24	5	7	15
Dumfries Eskdalemuir ...	825	50	22	—	0	3 to 6, 9	30	92	37	9	0	290	34	15	5	4	69	31	5	11	30
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	3 to 5, 9	43	72	37	16	0	270	38	17	5	3	60	27	5	2	40
York, E.R. Spurn Head ...	67	41	‡	5, 9	11	3 to 5, 8, 9	44	80	25	8	0	280	46	21	5	9	62	28	5	9	20
Lincoln Cranwell ...	280	43	31	—	0	5	4	96	(56)	(12)	0	290	27	12	5	11	34	15	5	11	0
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	5, 8, 9	26	48	71	23	0	140	36	16	9	10	49	22	9	10	35
Essex Shoeburyness...	103	90	‡	—	0	5, 8, 9	18	89	43	18	0	170	35	16	9	12	48	22	9	13	30
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	18	116	34	0	160	18	8	9	9	36	16	9	8	25
Kent Lympne ...	409	70	‡	—	0	9	9	78	71	10	0	130	29	13	9	9	43	19	9	11	30
Surrey Croydon ...	284	40	24	—	0	—	0	42	112	14	0	140	24	11	9	5	39	17	9	11	50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	67	72	10	19	280	21	9	5	17	34	15	5	17	25
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	5	1	104	56	7	0	300 / 280	25	11	2 / 5	14 / 14	38	17	9	6	50
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	5	3	72	(81)	(0)	12	320	29	13	5	11	37	17	5	11	5
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12			Instrument out of action.															
Lancashire Southport ...	80	62	48	5	5	3 to 6, 8, 9	56	76	24	7	0	280	42	19	5	13	53	24	5	13	50
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	3 to 6, 8 9	61	77	30	0	0	270	36	16	5	11	49	22	5	11	10
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	8	1	8, 9	24	33	80	30	0	—	39	17	8	22	55	25	8	22	10
Cornwall Pendennis Castle ...	256	65	24			Instrument out of action.															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	3 to 6, 8, 9	62	69	32	5	0	250	34	15	5	17	—	—	—	—	—
Clare Quilty... ...	100	40	‡	—	0	8	6	83	79	0	0	—	32	14	8	9	54	24	8	8	50
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	7, 8	11	42	104	11	0	160	35	16	8	6	67	30	8	5	40
Cork Weaver Pt. ...	160	30	‡	—	0	7 to 9	28	54	84	2	0	—	38	17	8	8	53	24	8	7	0
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	8	7	5, 6, 8, 9	40	76	37	8	0	—	44	20	8	24	60	27	8	19	35

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	7	15	6·9	5	9	3·8	6	20	9·1	12	7	3·1	15	11	4·7	4	15	6·6	16	12	5·4	10	13	5·6
North	15	10	4·3	15	5	2·2	14	5	2·2	11	6	2·6	7	4	1·6	16	11	4·9	5	4	1·9	13	5	2·4
West	24	23	10·2	19	18	8·1	17	11	4·7	20	7	3·0	22	18	8·1	16	8	3·4	20	20	8·9	20	8	3·5
East	4	10	4·5	5	7	3·0	5	15	6·7	3	7	3·3	6	11	4·7	3	7	3·1	6	9	3·8	7	8	3·7
Calm (or wind-speed < 4 m.p.h.)	0	—	—	4	—	—	5	—	—	3	—	—	0	—	—	1	—	—	1	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	6	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 14th February, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased through any Bookseller or directly from H.M. STATIONERY OFFICE at the following addresses:—IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2, and 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH.

FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 7.

SEVENTH WEEK.
SUNDAY, FEBRUARY 10TH TO SATURDAY, FEBRUARY 16TH, 1924.

Price 9d. Net, Post Free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

METEOROLOGICAL OFFICE
25 FEB 1924
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

SEVENTH WEEK of 1924—February 10th to February 16th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F	°F	day-deg. F.	day-deg. F	day-deg. F	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	47	24	40·7	33·1	36·9	− 1·0	0	− 7	36	− 1	3	− 2	0·38	10	− 21	2·1	0·0	22	1011
Eastern.																			
1. SCOTLAND, EAST ..	45	19	38.0	31·8	34·9	− 2.6	0	− 8	50	+ 9	5	+ 1	0·29	7	− 7	1·2	− 1·5	13	1012
2. ENGLAND, N.E. ..	45	25	38·7	32 4	35·6	− 3·3	0	− 10	45	+14	4	0	0·31	8	− 1	0·9	− 1·7	10	1011
3. ENGLAND, EAST ..	47	18	37·4	31 3	34·3	− 4·4	0	− 11	54	+20	3	− 1	0·19	5	− 6	1·0	− 1·6	11	1009
4. MIDLAND COUNTIES	48	18	38·1	31.4	34·7	− 4·1	0	− 12	51	+17	3	− 1	0·15	4	− 8	0·8	− 1 6	8	1009
5. ENGLAND, S.E. ..	49	18	39·9	33·2	36·6	− 3·6	0	− 14	38	+11	1	− 3	0·04	1	− 13	1·6	− 1·1	16	1008
Western.																			
6. SCOTLAND, WEST[1] ..	48	21	40·5	32·5	36·5	− 2·9	0	− 10	39	+10	2	− 3	0·13	3	− 24	1·5	− 0 9	15	1011
7. ENGLAND, N.W.[2] ..	50	24	40·6	33·3	36 9	− 2·9	0	− 10	36	+10	2	− 2	0·07	2	− 13	2·8	+0 3	29	1009
8. ENGLAND, S.W.[3] ..	54	14	41·8	33 6	37 7	− 3·6	0	− 16	30	+ 9	3	− 1	0·40	10	− 10	2·1	− 0 6	22	1007
9. IRELAND, NORTH ..	47	24	43·0	34·3	38·7	− 1·8	3	− 11	26	+ 2	3	− 2	0 18	5	− 12	1·4	− 1 0	14	1009
10. IRELAND, SOUTH ..	51	24	44·7	36·3	40·5	− 1·6	8	− 11	18	0	3	− 1	0·26	7	− 14	1·9	− 0·7	20	1006
11. CHANNEL ISLANDS[4]	52	31	46·4	38·9	42·7	− 1·5	14	− 10	9	0	5	0	0·70	18	− 1	2·6	− 0·7	26	1004
MEAN: DISTRICTS 1-10	54	14	40·3	33·0	36·6	− 3·1	1	− 11	39	+10	3	− 1	0·20	5	− 11	1·5	− 1·0	16	1009

THE SEASON (Winter).—Aggregates, &c., for the Period of 11 Weeks, December 2nd, 1923, to February 16th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	55	18	43·8	35·8	39·7	+1·3	69	− 3	251	− 98	56	− 2	11·82	301	− 66	0·9	0·0	13	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42.0	33·4	37·9	+0·4	56	− 13	375	− 41	51	+ 6	5·74	145	− 27	1·4	− 0·1	18	1010
2. ENGLAND, N.E. ..	54	19	42·2	34·4	38·5	− 0·2	52	− 33	324	− 11	36	− 6	4·60	117	− 4	1·6	0·0	20	1013
3. ENGLAND, EAST ..	52	18	42·8	34·5	38·8	+0·2	50	− 48	299	− 59	42	− 3	5·07	129	+ 5	1·6	− 0·1	19	1014
4. MIDLAND COUNTIES	53	15	43·7	34·4	39·2	+0·6	76	− 29	290	− 81	42	− 3	5·64	143	− 4	1·4	− 0·1	17	1014
5. ENGLAND, S.E. ..	54	18	45·1	36·0	40·7	+0·5	109	− 29	209	− 64	41	− 2	5·56	142	− 21	1·9	+ 0·1	22	1015
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	44 0	35·6	39 9	+0·1	91	− 13	250	− 20	57	+ 4	11·32	286	− 25	1·2	− 0·1	16	1011
7. ENGLAND, N.W.[2] ..	57	16	44·3	36 9	40·7	+0·7	94	− 17	190	− 77	49	+ 2	6·90	175	− 28	1·5	+ 0·1	19	1013
8. ENGLAND, S.W.[3] ..	55	14	46·4	38 2	42·5	+0·8	162	− 13	126	− 74	50	+ 1	9·31	237	− 21	1·7	0 0	20	1014
9. IRELAND, NORTH ..	56	18	46·6	38·3	42·6	+1·8	169	+32	123	−105	58	+ 2	8 95	227	− 2	1 3	− 0·2	16	1010
10. IRELAND, SOUTH ..	57	24	48·0	39·6	43·9	+1·4	231	+19	81	− 95	52	− 1	10·39	262	+ 2	1·3	− 0·4	16	1013
11. CHANNEL ISLANDS[4]	53	31	49·3	42·6	46·1	+1·2	330	+32	18	− 55	54	− 1	8·27	211	− 8	2·0	− 0·2	24	1015
MEAN: DISTRICTS 1-10 ..	57	11	44·5	36·1	40·5	+0·6	109	− 14	227	− 63	48	0	7·35	186	− 13	1·5	− 0·1	18	1013

THE YEAR. Aggregates, &c., for the Period of 7 Weeks, December 30th, 1923, to February 16th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	55	18	44·0	36·5	40·3	+2 3	52	+10	135	−105	34	− 2	6·82	174	− 53	1·0	− 0·1	13	1007
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·7	34·0	38·5	+1·3	44	+ 1	216	− 60	31	+ 3	3·23	82	− 19	1·4	− 0·3	17	1010
2. ENGLAND, N.E. ..	54	19	42·8	35·1	39·1	+0·7	43	− 8	184	− 43	21	− 5	2·54	65	− 4	1·5	− 0·3	18	1013
3. ENGLAND, EAST ..	52	18	43·0	35·2	39·2	+1·0	41	− 16	177	− 68	25	− 3	2·92	75	+ 3	1·7	− 0 3	19	1015
4. MIDLAND COUNTIES	53	15	43·8	35 2	39 6	+1·4	57	− 6	175	− 74	26	− 2	3·60	91	+ 6	1·4	− 0 3	17	1014
5. ENGLAND, S.E. ..	52	18	45·1	36·7	41·1	+1·5	74	− 2	123	− 69	23	− 4	3·20	82	− 9	2·0	+ 0·1	22	1015
Western.																			
6. SCOTLAND, WEST[1] ..	51	20	44·3	36·4	40·5	+1 1	64	+ 4	139	− 50	35	+ 1	6·72	170	− 12	0·9	− 0·7	11	1011
7. ENGLAND, N.W.[2] ..	57	22	44·6	37·4	41·1	+1.5	69	+ 6	113	− 70	28	− 1	3·94	100	− 18	1·5	− 0·1	18	1013
8. ENGLAND, S.W.[3] ..	55	14	46·3	38·5	42·5	+1·4	102	+ 4	77	− 68	30	0	6·08	154	+12	1·7	− 0·2	19	1013
9. IRELAND, NORTH ..	56	18	46·7	38·7	42·8	+2·2	113	+29	73	− 82	35	0	5·21	133	− 3	1 2	− 0·4	15	1009
10. IRELAND, SOUTH ..	57	24	48 0	39·9	44·1	+2·0	148	+21	47	− 75	33	0	7·37	186	+34	1·3	− 0·6	15	1011
11. CHANNEL ISLANDS[4]	53	31	49·0	42·6	45·9	+1·7	207	+42	16	− 42	32	− 2	5·30	135	+15	2·2	− 0·2	24	1014
MEAN: DISTRICTS 1-10 ..	57	11	44·7	36·7	40·9	+1·4	75	+ 3	132	− 66	29	− 1	4·48	114	− 1	1·5	− 0·3	17	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Moderate	Moderate	Moderate
	Rainfall ..	Light	Moderate	Moderate	Moderate	Light	Light	Light	Light	Moderate	Light	Light	Moderate
	Sunshine ..	Moderate	Scanty	Very Scanty	Very Scanty	Very Scanty	Scanty	Scanty	Moderate	Moderate	Scanty	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 11 weeks from Dec. 2nd, 1923.	Warmth ..	5, 5, 1	5, 2, 4	3, 4, 4	4, 5, 2	4, 4, 3	3, 6, 2	4, 3, 4	5, 3, 3	4, 5, 2	5, 5, 1	4, 6, 1	4, 7, 0
	Rainfall ..	1, 6, 4	0, 9, 2	2, 6, 3	4, 5, 2	4, 3, 4	3, 4, 4	4, 4, 3	3, 4, 4	4, 3, 4	4, 4, 3	5, 1, 5	4, 3, 4
	Sunshine ..	2, 8, 1	3, 5, 3	4, 5, 2	1, 7, 3	3 5, 3	2, 7, 2	4, 2, 5	6, 4, 1	4, 5, 2	1, 7, 3	0, 6, 5	2, 5, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week in most parts of the British Isles was dull and cold. Snow and hail fell in many places and in some parts "snow lying" to a depth of 1 in. to 1½ ins. was measured. Easterly winds and gales occurred about the middle of the week in several places. The total amount of precipitation (rain, snow or hail) was below the normal in all Districts, but at a few stations measurements of between 10 and 15mm. were recorded. Among the largest amounts were 20mm. at Weymouth on the 10th, 17mm. at Torquay on the 12th and 15mm. at Achnashellach (Ross-shire) on the 16th. The highest of the maximum temperatures over the country generally occurred on the 10th and at a few places in the southern parts of England and Ireland maxima slightly above 50°F. were registered, the highest readings being 54°F. at Plymouth and Falmouth. After the 10th there was a decided drop in temperature in many parts of the country and in places, notably on the 13th and 14th, the day temperatures did not rise much above 32°F. and at a few stations maximum readings were slightly below. There were some very low screen minima recorded during the week, the lowest reading being 14°F. at Rhayader (Radnor) on the 15th. Ground frosts were general and in several parts of the country the grass thermometer registered readings of between 10°F. and 15°F., while at Rhayader the reading was as low as 8°F. The mean temperature for the week was below the normal in all Districts. Sunshine values of between 7 hrs. and 8hrs. were obtained at a few places on various days, but the total amount for the week was below the normal in nearly all parts of our Islands. Mist or fog was reported in several places. A solar halo was observed at Stonyhurst on the 10th. Lunar halos were seen at Oxford on the 15th and at Aberdeen, Hodsock Priory (Worksop) and Stonyhurst on the 16th. A sun pillar was observed at Oxford on the 10th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week		Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm	mm.
Shetlands	Lerwick ¶	54	t	43	15, 16	34	13, 14	39·9	36·0	37·9	+0·1	4	0·47	12	- 9
Orkneys	Deerness	160	p	43	10th	24	15th	40·6	32·4	36·5	- 1·6	3	0·23	6	- 14
Hebrides	Stornoway ¶	51	t	46	10th	27	16th	42·7	33·9	38·3	- 0·4	3	0·36	9	- 21
	Castlebay	37	t	45	10th	36	16th	43·0	39·4	41·2	—	3	0·33	8	—
Caithness	Wick ... ¶	81	t	42	10, 15	30	16th	39·9	35·1	37·5	+0·1	3	0·29	7	- 9
Ross and Cromarty	Strathpeffer ¶	125	a	44	10th	27	16th	40·3	31·6	35·9	- 1·3	4	0·26	7	- 11
	Achnashellach ¶	225	h	45	10th	24	16th	40·6	32·6	36·6	—	3	0·84	21	—
Inverness	Inverness	242	h	44	10th	27	14th	39·4	31·4	35·4	—	3	0·15	4	—
	Fort Augustus ¶	68	a	47	10, 11	25	14th	42·3	29·3	35·8	- 1·5	1	0·08	2	- 26
	Onich ... ¶	48	h	42	16th	26	14th	39·4	33·1	36·3	—	2	0·36	9	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	43	10th	24	14th	38·9	32·7	35·8	- 1·9	3	0·24	6	- 5
Elgin	Gordon Castle ¶	101	p	45	10th	27	14th	39·9	32·4	36·1	- 2·6	2	0·12	3	- 9
Aberdeen	Aberdeen ... ¶	46	t	42	10, 16	32	15th	38·1	34·9	36·5	—	6	0·44	11	- 2
	Balmoral ... ¶	930	a	40	10, 16	24	14th	35·6	28·7	32·1	- 2·4	7	0·22	6	- 11
Perth	Crieff ... ¶	478	p	41	15, 16	28	14th	38·0	31·4	34·7	- 3·4	4	0·36	9	- 12
Forfar	Dundee	147	a	42	10th	30	15th	38·3	33·4	35·9	—	5	0·36	9	—
Fife	Inchkeith ... ¶	190	t	44	10th	30	14th	38·6	34·4	36·5	—	4	0·14	3	—
Midlothian	Edinburgh ...	441	p	42	10th	27	14th	37·7	32·0	34·9	- 3·5	4	0·20	5	- 5
Peebles	West Linton ¶	770	a	44	10th	19	14th	37·6	29·0	33·3	- 2·2	6	0·17	4	—
Berwick	Marchmont ¶	498	a	41	15th	28	14th	37·1	30·9	34·0	- 3·3	5	0·62	16	+ 3
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	45	10th	21	14th	40·6	31·0	35·8	—	3	0·55	14	—
Renfrew	Renfrew ... ¶	36	t	43	10, 15	30	14, 16	39·6	32·9	36·3	—	2	0·05	1	—
Bute	Rothesay ... ¶	200	p	43	15th	30	14th	40·1	33·1	36·6	- 3·4	3	0·12	3	- 25
Ayr	Kilmarnock ¶	90	a	48	10th	26	14th	41·3	31·4	36·3	- 2·4	2	0·03	1	- 19
	Colmoneil... ¶	170	a	46	10, 16	26	15th	41·7	31·9	36·8	- 2·1	2	0·11	3	- 23
Dumfries	Dumfries ... ¶	140	p	45	10th	30	14, 15	40·1	32·6	36·3	- 2·6	1	0·01	0·3	- 21
	Eskdalemuir ...	794	t	42	15th	26	14th	36·4	30·1	33·3	—	4	0·10	3	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr	hr.	%		°F.	°F.	°F.	°F	°F.
Lerwick ..	0·7	—	8	—	—	—	—	—	—
Deerness §	1·0	- 1·1	11	—	—	—	—	—	—
Stornoway §	2·0	- 0·3	22	—	—	—	—	—	—
Castlebay ..	1·3	—	14	—	—	—	—	—	—
Achnashellach	—	—	—	6	17	—	—	—	—
Inverness §	3·2	—	34	5	25	—	—	—	—
Onich ...	3·1	—	33	5	18	—	—	—	—
Nairn §	2·9	—	31	—	—	—	—	—	—
Gordon Castle	1·8	—	19	—	—	—	—	—	—
Aberdeen §	1·5	- 1·4	16	2	25	—	—	40·5	+1·2
Balmoral	—	-	—	6	15	—	—	—	—
(Kinc). Crathes§	1·4	- 1·6	15	5	17	36·7	—	39·8	—
Dundee §	0·6	—	6	2	26	—	—	—	—
Inchkeith ...	0·6	—	7	—	—	—	—	—	—
Edinburgh §	0·8	- 2·2	9	5	20	—	—	—	—
West Linton	—	—	—	6	15	—	—	—	—
Marchmont §	0·3	- 2·3	3	—	—	—	—	—	—
Ford ..	—	—	—	4	20	39·4	—	42·0	—
Renfrew ..	0·5	—	5	4	23	—	—	—	—
Rothesay §	0·9	- 1·2	9	3	26	38·1	—	42·7	+1·1
Kilmarnock ..	1·5	—	16	—	—	38·6	—	42·7	—
Colmoneil ..	—	—	—	4	16	—	—	—	—
Dumfries ..	1·5	—	16	4	18	38·7	+0·8	41·9	+1·8
Eskdalemuir §	1·1	- 1·4	11	4	25	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week		Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	45	10th	32	14, 15	40·3	34·9	37·6	− 3·2	2	0·03	1	− 22
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	42	15th	28	14th	38·1	29·6	33·9	− 3·5	5	0·52	13	+ 2
	Tynemouth ¶	118	t	43	10, 15	31	15th	39·6	34·0	36·8	− 2·4	3	0·38	10	+ 1
Durham	Durham ... ¶	336	p	—	—	—	—	—	—	—	—	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	45	10th	26	16th	39·7	31·0	35·3	− 2·7	6	0·41	11	+ 2
	West Witton ...	605	a	42	15, 16	27	15th	37·3	30·1	33·7	—	4	0·34	9	—
	Scarborough ¶	118	h	45	15, 16	31	15th	39·0	34·0	36·5	− 3·2	4	0·35	9	− 2
	York ... ¶	56	p	45	15th	29	16th	40·1	32·6	36·3	− 2·9	5	0·27	7	− 2
E. Riding	Spurn Head ¶	26	t	40	10, 15	30	15th	37·6	34·0	35·8	− 3·4	3	0·12	3	− 5
Lincoln	Lincoln ... ¶	58	a	45	10th	29	15th	38·7	32·7	35·7	− 3·2	4	0·18	5	− 4
	Cranwell ... ¶	236	t	44	10th	25	16th	37·1	31·3	34·2	− 4·6	5	0·23	6	− 3
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	41	10th	25	16th	36·3	30·6	33·5	− 5·3	5	0·19	5	− 4
	Yarmouth ¶	13	t	40	10th	27	16th	36·1	32·0	34·1	− 4·3	3	0·28	7	− 4
	Norwich ... ¶	93	a	42	10th	24	15th	37·0	31·1	34·1	− 4·6	5	0·36	9	− 3
	Geldeston ... ¶	37	a	41	10th	25	15th	36·5	31·3	33·9	− 5·2	4	0·45	11	+ 1
Cambridge	Cambridge ¶	41	p	45	10th	18	15th	38·6	29·3	33·9	− 5·1	2	0·04	1	− 8
Hertford	Rothamsted ¶	420	a	43	10th	20	15th	36·0	29·6	32·8	− 5·6	2	0·09	2	− 11
Middlesex	Tottenham ¶	51	p	47	10th	24	15th	40·6	32·1	36·3	—	1	0·05	1	—
Essex	Clacton-on-Sea ¶	55	t	43	10th	27	15th	38·1	34·0	36·1	− 2·5	2	0·02	1	− 8
	Southend	90	h	43	10th	25	15th	38·3	32·6	35·5	—	3	0·05	1	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	42	15th	28	15, 16	37·0	30·0	33·5	− 4·2	5	0·35	9	− 5
	Sheffield	429	p	44	10th	27	15th	38·1	31·4	34·7	—	4	0·46	12	− 4
Derby	Buxton	987	p	41	10th	21	15th	36·1	28·6	32·3	− 3·8	4	0·31	8	− 17
Nottingham	Worksop(Hods'ck)¶	56	a	46	10th	26	15th	39·6	31·7	35·7	− 3·3	3	0·27	7	− 3
	Nottingham ¶	82	t	45	10th	27	15, 16	37·7	32·0	34·9	− 4·0	6	0·21	5	− 5
Warwick	Birmingham (Edg)¶	525	t	45	10th	25	15th	37·0	31·6	34·3	− 4·6	3	0·13	3	− 8
Northampton	Oundle ... ¶	147	a	45	10th	20	15th	37·1	29·6	33·3	—	4	0·11	3	—
Oxford	Oxford ... ¶	208	p	48	10th	23	15th	40·1	31·4	35·7	− 4·0	0	0·00	0	− 11
Stafford	Cheadle ... ¶	646	a	43	10th	27	15th	35·7	32·3	34·0	− 3·8	4	0·17	4	− 10
Worcester	Tenbury ... ¶	313	p	47	10th	18	15th	38·1	31·0	34·5	− 5·0	2	0·04	1	− 8
	Malvern	377	h	45	10th	26	15th	37·4	32·4	34·9	—	1	0·12	3	—
Hereford	Hereford ... ¶	291	a	46	10th	20	15th	38·7	31·0	34·9	− 4·5	0	0·00	0	− 14
Gloucester	Clifton ... ¶	225	a	48	10th	23	15th	40·3	33·1	36·7	− 3·8	2	0·22	6	− 10
5. ENGLAND, S.E.															
London	Westminster ...	27	a	45	10th	27	16th	40·9	33·6	37·3	− 3·5	2	0·05	1	− 9
	Greenwich ‡ ...	149	a	43	10, 12	21	11th	38·3	31·9	35·1	− 4·8	2	0·02	1	− 10
	Hampstead ...	450	a	45	10th	23	15th	38·3	30·0	34·1	—	2	0·08	2	—
	Camden Square ...	110	a	45	10th	25	15th	38·3	32·4	35·3	− 4·8	2	0·05	1	− 10
Surrey	Richmond (Kew O)¶	18	t	47	10th	24	15th	39·3	34·1	36·7	− 3·5	1	0·04	1	− 10
	Wisley ... ¶	150	a	49	10th	21	15th	39·0	32·6	35·8	− 3·7	1	0·01	0·3	− 12
Kent	Tunbridge Wells ¶	354	h	48	10th	22	15th	38·9	32·0	35·5	− 3·6	1	0·01	0·3	− 14
	Margate ... ¶	51	h	43	10th	30	14th	38·6	34·7	36·7	− 3·5	3	0·10	3	− 7
	Dungeness ¶	21	t	46	10th	29	15th	40·7	36·0	38·3	− 1·7	3	0·10	3	− 8
Sussex	St. Leonards ¶	178	h	46	10th	28	15th	40·1	34·7	37·4	− 3·0	1	0·02	0·4	− 14
	Worthing... ...	36	h	48	10th	26	15th	41·0	35·1	38·1	—	0	0·00	0	—
I. of Wight	Ventnor ... ¶	59	a	47	10th	28	15th	41·6	35·3	38·5	− 3·7	3	0·09	2	− 12
Hampshire	Southampton ¶	64	p	49	10th	21	15th	42·4	31·6	37·0	− 4·4	1	0·03	1	− 15
Wiltshire	Marlborough ¶	424	a	48	10th	18	15th	39·0	30·7	34·9	− 3·7	1	0·01	0·3	− 17
	Porton ... ¶	363	a	47	10th	19	15th	36·6	30·3	34·9	—	0	0·00	0	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	45	10th	24	14th	40·3	30·1	35·2	− 3·4	4	0·06	1	− 18
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	46	10th	27	15th	38·6	31·7	35·1	− 3·4	3	0·06	1	− 20
	Blackpool... ¶	66	h	46	10th	28	16th	40·3	33·4	36·9	− 2·4	2	0·06	2	− 12
	Southport ¶	37	h	49	10th	29	16th	40·1	33·2	36·7	− 2·9	2	0·02	1	− 12
Manchester	Whitworth Pk. ¶	125	p	48	10th	29	15th	40·3	33·3	36·8	− 3·4	3	0·09	2	− 10
Cheshire	Liverp'l (Bidston)¶	189	a	48	10th	31	14, 15	40·7	33·9	37·3	− 2·6	1	0·02	1	− 10
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	48	10th	30	15th	41·1	33·7	37·4	− 3·3	2	0·06	2	− 7
Carnarvon	Llandudno ¶	22	h	50	10th	31	16th	41·4	33·9	37·7	− 4·0	2	0·11	3	− 10
Anglesey	Holyhead ... ¶	26	t	48	10th	32	16th	41·9	36·7	39·3	− 2·2	1	0·08	2	− 13
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	50	10th	29	15th	42·9	33·9	38·4	—	2	0·11	3	—
Pembroke	St. Ann's Hd. ¶	150	t	47	10th	27	14th	42·3	36·9	39·6	− 2·8	1	0·04	1	− 17
Radnor	Rhayader... ¶	757	a	43	10th	14	15th	37·1	29·1	33·1	—	2	0·04	1	—
Glamorgan	Cardiff ... ¶	202	p	46	10th	28	14th	41·3	33·6	37·5	− 2·7	0	0·00	0·1	− 20
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	48	10th	19	15th	40·4	33·1	36·7	− 3·8	2	0·04	1	− 13
Dorset	Shaftesbury ¶	722	a	48	11th	23	15th	39·3	30·7	35·0	− 3·8	2	0·35	9	− 7
	Portland Bill ¶	19	t	47	10, 11, 13	29	15th	43·4	37·1	40·3	− 2·0	4	0·91	23	+10
Devon	Arlington ... ¶	613	a	48	10th	23	15th	41·3	32·3	36·8	− 3·0	2	0·05	1	− 25
	Cullompton ¶	202	a	49	10th	20	15th	42·3	32·4	37·3	− 3·5	3	0·30	7	− 12
	Plymouth... ¶	116	p	54	10th	25	15th	44·7	34·1	39·4	− 3·3	6	1·05	27	+ 8
Cornwall	Newquay	190	h	53	10th	23	15th	44·8	34·9	39·9	− 3·6	5	0·53	13	− 4
	Falmouth... ¶	167	h	54	10th	28	15th	45·9	37·1	41·5	− 2·1	5	1·22	31	+ 6
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	45	10th	28	14th	42·4	35·6	39·0	− 1·6	2	0·08	2	− 12
Mayo	Blacksod Point ¶	10	t	47	15th	32	10th	44·6	35·6	40·1	− 2·0	6	0·28	7	− 16
	Mallaranny ...	120	a	48	16th	32	14, 16	43·7	36·1	39·9	—	3	0·27	7	—
Sligo	Markree Castle ¶	122	p	46	10, 11, 16	24	14th	44·1	32·1	38·1	− 1·9	5	0·40	10	− 10
Armagh	Armagh ... ¶	204	p	46	10th	27	16th	42·0	32·1	37·1	− 2·7	1	0·02	1	− 12
Down	Donaghadee ¶	35	t	45	10, 16	33	15th	41·7	36·9	39·3	− 1·3	3	0·07	2	− 11
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	46	10th	33	16th	42·7	36·0	39·3	− 2·8	2	0·14	4	− 8
King's County	Birr Castle ¶	175	t	47	10th	24	14th	43·1	33·6	38·3	− 2·1	4	0·21	5	− 10
Kilkenny	Kilkenny ... ¶	195	a	47	10th	25	14th	43·3	33·4	38·3	− 2·5	3	0·33	9	− 7
Waterford	Waterford ¶	137	a	49	10th	30	14th	44·7	36·7	40·7	− 1·1	3	0·16	4	− 16
	Seskin, Carrick-on-Suir	542	p	46	10th	26	14th	42·3	33·6	37·9	—	3	0·15	4	—
Limerick	Foynes ... ¶	50	a	49	10th	28	14th	44·6	34·4	39.5	− 2·7	4	0·07	2	− 18
Kerry	Cahirciveen ¶	30	t	51	10th	33	14th	47·1	38·4	42·7	− 1·3	4	0·46	12	− 21
	Killarney ... ¶	174	a	49	10, 11	31	16th	46·5	37·9	42·2	− 0·5	4	0·39	10	− 23
Cork	Roche's Point ¶	32	t	50	10th	30	14th	45·7	39·6	42·7	− 0·6	4	0·28	7	− 16
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	52	10, 11	31	14th	47·3	39·0	43·1	− 2·3	5	0·66	17	− 1
Guernsey	Grange ... ¶	173	p	52	10th	36	14, 15, 16	46·0	38·9	42·5	− 1·2	5	0·72	18	0
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	2·5	− 0·2	25	3	29	—	—	—	—
Cockle Park §	1·1	− 1·8	12	6	23	35·7	− 0·8	40·1	+1·0
Tynemouth ..	—	—	—	1	29	—	—	—	—
Durham §	—	—	—	—	—	—	—	—	—
Rounton ..	—	—	—	6	16	37·9	—	—	—
West Witton	—	—	—	6	23	36·4	—	40·0	—
Scarborough †§	0·9	− 1·6	9	3	28	—	—	40·7	—
York §	1·4	− 0·7	14	—	—	39·0	+0·6	41·3	+0·4
Spurn Head ..	0·8	—	8	—	—	—	—	—	—
Lincoln ..	—	—	—	4	27	37·8	+0·5	41·5	+1·0
Cranwell §	0·7	− 2·2	7	3	20	—	—	—	—
Skegness §	0·6	− 2·4	6	—	—	—	—	—	—
Cromer §	0·8	− 2·0	8	—	—	—	—	—	—
Yarmouth §	1·7	—	17	6	23	39·3	+0·3	42·6	0·0
Norwich ..	0·9	—	9	4	20	36·7	—	—	—
Geldeston §	1·2	− 1·4	12	—	—	—	—	—	—
Cambridge §	0·6	− 2·1	6	3	11	39·0	+0·1	42·4	+0·4
Rothamsted §	0·9	− 1·6	9	3	15	37·6	—	—	—
Tottenham §	0·8	—	8	—	—	—	—	—	—
Clacton-on-Sea §	1·3	− 1·6	14	3	23	38·9	− 1·2	42·9	− 0·2
Southend ..	1·7	—	17	3	24	39·1	—	—	—
Harrogate §	1·2	− 1·4	12	6	17	37·9	0·0	40·5	+0·9
Sheffield §	0·5	− 1·8	6	4	20	37·6	0·0	40·7	0·0
Buxton ...	0·4	—	5	4	20	36·5	− 0·4	40·4	− 0·1
Worksop §	0·8	− 1·3	8	4	19	38·1	—	41·2	—
Nottingham §	0·3	− 1·9	3	3	24	37·4	+0·1	40·2	+1·1
Birmingham §	0·3	− 1·6	3	3	15	38·7	− 0·8	44·0	+0·6
Oundle ...	0·5	—	5	3	14	38·6	—	42·0	—
Oxford §	0·8	− 1·7	8	4	15	—	—	—	—
Cheadle ...	—	—	—	5	13	—	—	—	—
Tenbury ...	—	—	—	4	14	39·2	—	—	—
Malvern... ...	1·3	—	13	3	19	38·6	—	41·9	—
Ross on Wye §	1·6	—	16	3	15	39·0	—	43·1	—
Clifton §	1·1	—	11	2	24	—	—	—	—
Westminster	0·6	− 0·9	6	3	17	—	—	—	—
Greenwich ..	1·1	− 1·0	11	3	14	—	—	—	—
Hampstead ..	0·7	—	7	4	12	—	—	—	—
Camden Square	—	—	—	3	21	39·5	—	43·0	—
Richmond § (Kew Obs.)	0·6	− 1·6	6	3	13	39·2	+0·1	43·3	+0·6
Wisley §	1·5	− 0·9	16	4	9	39·5	+0·1	43·0	+0·8
Tunbridge W'ls §	1·7	− 1·0	17	3	10	40·1	—	42·9	—
Margate §	1·7	− 1·0	17	2	29	40·1	− 0·3	43·6	+1·0
Folkestone §	1·9	—	19	3	29	—	—	45·2	—
St. Leonards §	2·3	− 0·8	23	3	23	40·6	—	43·8	—
Worthing §	2·4	− 0·8	24	3	18	41·1	+0·6	44·0	+0·4
Ventnor §	1·6	− 1·6	16	—	—	—	—	—	—
Southampton §	1·5	− 1·3	15	4	19	—	—	—	—
Marlborough §	1·2	− 1·0	12	3	—	39·6	—	43·9	—
Porton	1·8	—	18	4	11	38·9	—	—	—
Aspatria §	2·9	+0·3	30	3	19	38·8	− 0·1	42·4	+0·5
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·6	− 0·7	16	3	22	—	—	—	—
Blackpool §	2·1	− 0·7	22	3	20	40·3	—	43·8	—
Southport §	2·6	− 0·1	27	3	20	37·5	0·0	41·1	+1·2
Whitworth Pk.	0·8	− 0·8	8	—	—	—	—	—	—
Oldham Road	0·3	− 1·2	3	0	31	38·7	+0·8	43·1	+1·2
Bidston ..	2·5	—	25	3	26	—	—	—	—
(Ches.) Hoylake §	2·6	0·0	27	—	—	—	—	—	—
Llandudno §	3·2	+0·5	33	—	—	—	—	—	—
Holyhead ..	4·0	—	41	1	28	—	—	—	—
Aberystwyth §	4·0	+1·4	41	—	—	—	—	—	—
St. Ann's Hd. §	2·2	− 0·6	23	—	—	—	—	—	—
Rhayader §	1·0	—	10	4	8	—	—	—	—
Cardiff ...	1·4	—	14	3	18	39·4	− 0·4	43·7	+1·0
Bath .. §	1·1	− 1·6	11	—	—	40·9	—	43·8	—
Shaftesbury ..	—	—	—	—	—	—	—	43·3	—
Weymouth ..	1·6	—	17	—	—	—	—	—	—
Cullompton §	1·9	− 0·7	19	4	13	42·5	—	—	—
Plymouth §	1·9	− 1·0	19	3	19	42·4	+0·2	46·2	—
Newquay §	2·8	− 0·1	28	—	—	43·6	—	47·1	—
Falmouth §	2·1	− 0·9	21	4	20	44·0	—	47·0	—
Malin Head ..	1·4	—	15	—	—	—	—	—	—
Mallaranny ..	1·3	—	14	—	—	—	—	—	—
Markree Castle §	—	—	—	4	20	41·3	+0·4	44·9	+1·4
Armagh §	1·4	− 1·0	15	5	18	40·4	+0·3	43·8	+1·1
Trinity Coll.	—	—	—	4	25	42·4	+0·9	44·8	+1·2
Phœnix Park §	1·1	− 1·6	11	4	24	—	—	—	—
Dublin City ..	—	—	—	3	27	—	—	—	—
Birr Castle §	1·5	− 1·0	15	4	18	—	—	—	—
Seskin ..	1·8	—	19	4	17	—	—	—	—
Cahirciveen (Valencia O.) §	2·5	− 0·1	25	2	29	—	—	—	—
Ballinacurra §	2·6	− 0·2	27	—	—	—	—	—	—
St. Mary's §	2·4	− 0·7	24	—	—	—	—	—	—
Grange §	2·7	− 0·5	27	1	30	43·5	+0·3	46·1	+0·8
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, February 16th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d hr	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr	hr	hr	hr	hr	°	m.p.h	m/s.	d hr	m.p.h	m/s	d.	h.	m.
0. SCOTLAND, N.																				
Shetlands Lerwick ...	310	42	‡	—	0	10 to 14, 16	93	43	27	5	0	140	36	16	10 1	50	22	10	3	50
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	9 to 13	107	23	36	2	0	150	38	17	9 10	—	—	—	—	—
1. SCOTLAND, E.																				
Aberdeen Aberdeen ...	72	42	‡	—	0	10 to 13	24	70	68	6	0	130	28	12	12 20	40	18	12	21	40
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	37	108	23	0	280	19	9	14 21	32	14	12	19	50
6a. SCOTLAND, W.																				
Renfrew Paisley ...	188	81	15	—	0	—	0	27	112	29	0	80	17	7	13 5	37	17	13	9	35
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	42	97	16	13	60	20	9	13 6	45	20	13	0	20
2. ENGLAND, N.E.																				
Durham South Shields...	72	61	12	—	0	12, 13	26	69	46	27	0	110	34	15	12 23	44	20	12	23	35
York, E.R. Spurn Head ...	67	41	‡	—	0	12, 13	37	74	48	11	0	100	37	17	13 5	47	21	13	9	40
Lincoln Cranwell ...	280	43	31	—	0	—	0	36	70	62	0	90	21	9	13 12	25	11	13	11	55
3. ENGLAND, E.																				
Norfolk Gorleston ...	52	42	‡	13	3	12 to 14	40	49	(52)	(24)	0	70	41	18	13 12	56	25	13	12	20
Essex Shoeburyness...	103	90	‡	—	0	12 to 14	36	35	71	26	0	90	34	15	13 7	47	21	13	20	20
5. ENGLAND, S.E.																				
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	40	75	53	0	60	22	10	13 17	39	18	13	22	40
Kent Lympne ...	409	70	‡	—	0	13, 14	23	1	104	0	0	50	33	15	13 13	45	20	13	11	20
Surrey Croydon ...	284	40	24	—	0	13	7	39	91	31	0	50	25	11	13 13	41	18	13	18	10
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	13	5	43	118	2	0	60	26	12	13 21	41	18	13	20	10
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	13, 14	21	36	87	23	1	50	31	14	13 18	51	23	13	17	30
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	13	6	54	(107)	(0)	1	90	27	12	13 22	38	17	13	19	40
7a. ENGLAND, N.W.																				
Lancashire Fleetwood ...	112	50	12	—	0	—	0	44	(100)	(16)	8	100	24	11	12 24	46	20	13	0	25
Lancashire Southport ...	80	62	48	13	2	12, 13	14	45	99	8	0	100	44	20	13 10	62	28	13	11	55
7b. NORTH WALES.																				
Anglesey Holyhead ...	64	45	‡	13	7	11 to 13	22	60	73	6	0	60	44	20	13 15	59	26	13	15	5
8b. ENGLAND, S.W.																				
Devon Plymouth ...	185	88	2	—	0	12, 13	11	45	84	28	0	—	30	13	13 20	51	23	13	21	0
Cornwall Pendennis Castle§ ..	256	65	24	12, 13	6	12, 13, 16	44	42	57	16	3	60	42	19	13 14	53	24	13	12	55
10. IRELAND, S.																				
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	12, 13	29	80	46	5	8	70	38	17	13 11	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	12	5	65	83	15	0	—	28	13	12 13	39	17	12	12	25
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	12	1	45	78	44	0	110	27	12	12 12	59	26	12	18	55
Cork Weaver Pt. ...	160	30	‡	—	0	10, 12, 13	33	49	65	21	0	—	33	15	12 20	53	24	12	20	20
11a. SCILLY ISLES.																				
Scilly St. Mary's	150	32	‡	12	5	12, 13, 16	17	70	48	28	0	110	45	20	12 19	60	27	12	20	20

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	23	21	9·4	17	4	1·9	5	7	3·0	4	3	1·5	6	4	1·6	10	10	4·3	11	6	2·6	7	4	1·7
North	5	5	2·4	5	5	2·4	13	10	4·3	13	7	3·2	17	6	2·6	10	6	2·6	11	6	2·6	12	7	3·1
West	6	6	2·7	8	10	4·4	2	6	2·7	1	5	2·1	5	10	4·6	4	6	2·5	6	13	5·9	2	6	2·7
East	21	17	7·7	17	7	3·2	20	18	8·1	19	11	4·8	22	15	6·8	19	16	7·2	19	17	7·4	18	10	4·6
Calm (or wind-speed < 4 m.p.h.)	0	—	—	3	—	—	5	—	—	7	—	—	1	—	—	4	—	—	1	—	—	8	—	—
No record	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 21st February, 1924.

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VI.c.3

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) No. 8.

EIGHTH WEEK.
SUNDAY, FEBRUARY 17TH TO SATURDAY, FEBRUARY 23RD, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

EIGHTH WEEK of 1924—February 17th to February 23rd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	50	25	44·1	35·5	39·8	+1·4	6	0	21	−11	4	−1	0·65	16	−8	1·1	−1·1	11	1024
Eastern.																			
1. SCOTLAND, EAST ..	54	25	43·5	33·8	38·7	+1·1	4	−3	27	−12	3	−1	0·23	6	−7	1·1	−1·6	11	1025
2. ENGLAND, N.E. ..	52	22	42·6	32·3	37·5	−1·4	2	−7	33	+2	3	−1	0·17	4	−4	1·5	−1·2	15	1025
3. ENGLAND, EAST ..	45	18	40·1	30·2	35·2	−3·8	0	−11	48	+16	3	0	0·25	6	−1	1·7	−1·3	17	1024
4. MIDLAND COUNTIES	50	17	41·7	30·2	36·0	−2·6	0	−11	42	+7	2	−1	0·08	2	−7	1·6	−1·0	16	1026
5. ENGLAND, S.E. ..	45	17	39·9	30·5	35·2	−4·9	0	−13	48	+22	2	−1	0·07	2	−8	1·7	−1·3	17	1025
Western.																			
6. SCOTLAND, WEST[1] ..	53	22	45·0	32·1	38·5	−1·0	8	0	33	+7	3	−1	0·27	7	−15	2·8	+0·4	28	1027
7. ENGLAND, N.W.[2] ..	48	25	42·8	33·6	38·1	−1·6	2	−8	30	+3	3	−1	0·20	5	−9	1·9	−0·8	19	1028
8. ENGLAND, S.W.[3] ..	51	18	42·3	30·8	36·6	−4·3	1	−13	39	+17	1	−3	0·04	1	−14	3·3	+0·2	32	1027
9. IRELAND, NORTH ..	50	26	46·4	36·5	41·5	+0·3	12	−2	16	−4	4	0	0·18	5	−12	3·5	+1·0	34	1029
10. IRELAND, SOUTH ..	51	23	46·7	34·8	40·8	−1·5	13	−7	22	+4	2	−2	0·09	2	−18	3·3	+0·4	33	1029
11. CHANNEL ISLANDS[4]	49	33	43·8	36·9	40·4	−3·7	5	−18	16	+8	1	−3	0·09	2	−12	2·2	−1·3	21	1026
MEAN: DISTRICTS 1-10	54	17	43·1	32·5	37·8	−2·0	4	−7	34	+6	3	−1	0·16	4	−9	2·2	−0·5	22	1027

THE SEASON (Winter).—Aggregates, &c., for the Period of 12 Weeks, December 2nd, 1923, to February 23rd, 1924.

0. SCOTLAND, NORTH ..	55	18	43·4	35·7	39·7	+1·3	75	−3	272	−109	60	−3	12·47	317	−74	0·9	−0·2	12	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·1	33·5	37·9	+0·4	60	−16	402	−53	54	+5	5·97	151	−34	1·4	−0·2	18	1011
2. ENGLAND, N.E. ..	54	19	42·3	34·2	38·4	−0·4	54	−40	357	−9	39	−7	4·77	121	−8	1·6	−0·1	20	1014
3. ENGLAND, EAST ..	52	18	42·6	34·1	38·5	−0·2	50	−59	347	−43	45	−3	5·32	135	+4	1·6	−0·2	19	1015
4. MIDLAND COUNTIES	53	15	43·6	34·0	38·9	+0·3	76	−40	332	−74	44	−4	5·72	145	−11	1·5	−0·1	17	1015
5. ENGLAND, S.E. ..	54	17	44·7	35·6	40·3	+0·1	109	−42	257	−42	43	−3	5·63	144	−29	1·9	0·0	22	1016
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	44·0	35·3	39·8	−0·1	99	−13	283	−13	60	+3	11·59	293	−40	1·4	0·0	17	1013
7. ENGLAND, N.W.[2] ..	57	16	44·2	36·6	40·5	+0·5	96	−25	220	−74	52	+1	7·10	180	−37	1·5	0·0	19	1014
8. ENGLAND, S.W.[3] ..	55	14	46·1	37·6	42·0	+0·4	163	−26	165	−57	51	−2	9·35	238	−35	1·9	0·0	22	1015
9. IRELAND, NORTH ..	56	18	46·5	38·2	42·5	+1·6	181	+30	139	−109	62	+2	9·13	232	−14	1·5	−0·1	18	1012
10. IRELAND, SOUTH ..	57	23	47·9	39·2	43·7	+1·2	244	+12	103	−91	54	−3	10·48	264	−16	1·5	−0·3	18	1014
11. CHANNEL ISLANDS[4]	53	31	48·8	42·1	45·6	+0·7	335	+14	34	−47	55	−4	8·36	213	−20	2·0	−0·3	23	1016
MEAN: DISTRICTS 1-10 ..	57	11	44·4	35·8	40·3	+0·4	113	−22	261	−57	50	−1	7·51	190	−22	1·6	−0·1	19	1014

THE YEAR. Aggregates, &c., for the Period of 8 Weeks, December 30th, 1923, to February 23rd, 1924.

0. SCOTLAND, NORTH ..	55	18	44·0	36·4	40·3	+2·2	58	+10	156	−116	38	−3	7·47	190	−61	1·0	−0·3	13	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·8	34·0	38·5	+1·2	48	−2	243	−72	34	+2	3·46	88	−26	1·4	−0·4	16	1012
2. ENGLAND, N.E. ..	54	19	42·8	34·8	38·9	+0·4	45	−15	217	−41	24	−6	2·71	69	−8	1·6	−0·3	18	1015
3. ENGLAND, EAST ..	52	18	42·7	34·6	38·7	+0·4	41	−27	225	−52	28	−3	3·17	81	+2	1·7	−0·4	19	1016
4. MIDLAND COUNTIES	53	15	43·5	34·5	39·2	+0·9	57	−17	217	−67	28	−3	3·68	93	−1	1·4	−0·4	16	1015
5. ENGLAND, S.E. ..	52	17	44·5	35·9	40·3	+0·6	74	−15	171	−47	25	−5	3·27	84	−17	1·9	−0·2	22	1016
Western.																			
6. SCOTLAND, WEST[1] ..	53	20	44·4	35·9	40·2	+0·8	72	+4	172	−43	38	0	6·99	177	−27	1·2	−0·5	14	1013
7. ENGLAND, N.W.[2] ..	57	22	44·4	36·9	40·7	+1·1	71	−2	143	−67	31	−2	4·14	105	−27	1·6	−0·2	18	1015
8. ENGLAND, S.W.[3] ..	55	14	45·8	37·6	41·8	+0·8	103	−9	116	−51	31	−3	6·12	155	−2	1·9	−0·2	21	1015
9. IRELAND, NORTH ..	56	18	46·6	38·4	42·7	+2·0	125	+27	89	−86	39	0	5·39	138	−15	1·5	−0·3	18	1012
10. IRELAND, SOUTH ..	57	23	47·9	39·3	43·7	+1·5	161	+14	69	−71	35	−2	7·46	188	+16	1·6	−0·4	18	1013
11. CHANNEL ISLANDS[4]	53	31	48·4	41·9	45·2	+1·0	212	+24	32	−34	33	−5	5·39	137	+3	2·2	−0·3	24	1015
MEAN: DISTRICTS 1-10 ..	57	11	44·5	36·2	40·5	+1·0	80	−4	166	−60	31	−2	4·64	118	−11	1·6	−0·3	18	1014
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England. N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Deficient	Deficient	Deficient	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient
	Rainfall ..	Moderate	Light	Light	Moderate	Light	Light	Light	Light	Very Light	Light	Very Light	Light
	Sunshine ..	Scanty	Scanty	Scanty	Scanty	Scanty	Scanty	Abundant	Scanty	Moderate	Abundant	Moderate	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 12 weeks from Dec. 2nd, 1923.	Warmth ..	5, 6, 1	5, 3, 4	3, 5, 4	4, 5, 3	4, 4, 4	3, 6, 3	4, 4, 4	5, 4, 3	4, 5, 3	5, 6, 1	4, 7, 1	4, 7, 1
	Rainfall ..	1, 7, 4	0, 9, 3	2, 6, 4	4, 6, 2	4, 3, 5	3, 4, 5	4, 4, 4	3, 4, 5	4, 3, 5	4, 4, 4	5, 1, 6	4, 3, 5
	Sunshine ..	2, 8, 2	3, 5, 4	4, 5, 3	1, 7, 4	3, 5, 4	2, 7, 3	5, 2, 5	6, 4, 2	4, 6, 2	2, 7, 3	0, 7, 5	2, 5, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

During the week atmospheric conditions over the British Isles generally were anticyclonic. There was a good deal of cloud and showers of rain, snow or hail occurred in most places, but the total amount of precipitation for the week, over the country as a whole, was considerably below the normal. Maximum temperatures of 50°F. or slightly above were recorded in several places, the highest reading, 54°F., occurring at Inchkeith (Fife) on the 21st. The lowest of the screen minima were registered early in the week in most parts of our Islands and in some places the readings were again decidedly low, the lowest recorded being 17°F. at Marlborough (Wilts.) and at Oundle (Northampton) on the 17th. Ground frosts were general and at several stations the readings of the grass thermometer were below 15°F., while at Rhayader (Radnor) on the morning of the 17th a reading as low as 9°F. was recorded. The mean temperature for the week was above the normal in Scotland N., Scotland E. and parts of northern Ireland, but in all other Districts it was below normal. Good records of sunshine were obtained in various parts of our Islands, notably on the first and last days of the week, when a number of stations registered more than 8 hours. Among the largest amounts recorded were 8·7 hours at Margate and Southampton, 8·6 hours at Cromer and 8·5 hours at Oxford on the 17th and 9·0 hours at Mallarany (Mayo) and 8·6 hours at Armagh on the 23rd. The total amount of sunshine for the week was in excess of the normal in Ireland and in parts of Scotland W. and England S.W., but in the other Districts it was below normal. Solar halos were observed at Dublin and at South Farnborough on the 17th. Lunar halos were seen at Birmingham, Oxford and Ross-on-Wye on the 17th and at Stonyhurst on the 22nd. The Zodiacal Light was observed at Stonyhurst on the 22nd and at Oxford on the 22nd and 23rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	48	20th	30	19th	43·3	36·9	40·1	+2·0	6	0·91	23
Orkneys	Deerness ...	160	p	—	—	—	—	—	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	48	19, 23	30	19, 23	45·1	37·3	41·2	+2·1	5	0·56	14
	Castlebay ...	37	t	48	20th	35	19th	45·9	41·0	43·5	—	4	0·35	9
Caithness	Wick ... ¶	81	t	50	17th	32	19th	44·3	37·6	40·9	+2·9	4	0·25	6
Ross and Cromarty	Strathpeffer ¶	125	a	50	17th	28	19th	45·1	33·6	39·3	+1·5	3	0·41	10
	Achnashellach ¶	225	h	47	17th	27	19th	42·4	34·3	38·3	—	4	1·38	35
Inverness	Inverness ...	242	h	49	17th	29	19th	43·4	36·0	39·7	—	3	0·30	8
	Fort Augustus ¶	68	a	48	17th	25	19th	44·4	33·3	38·9	+0·9	2	0·28	7
	Onich ... ¶	48	h	48	23rd	29	19th	43·9	35·6	39·7	—	4	0·73	19
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	48	17, 20	30	20th	43·3	35·7	39·5	+1·7	4	0·19	5
Elgin	Gordon Castle ¶	101	p	51	17th	31	19th	45·7	35·9	40·8	+2·0	3	0·18	5
Aberdeen	Aberdeen ... ¶	46	t	49	17th	34	18, 19	43·7	37·6	40·7	—	4	0·36	9
	Balmoral ... ¶	930	a	45	20th	25	20th	41·0	29·1	35·1	+0·5	6	0·40	10
Perth	Crieff ... ¶	478	p	50	21st	27	19, 23	45·1	31·4	38·3	0·0	2	0·05	1
Forfar	Dundee	147	a	50	21st	32	19, 23	42·7	34·0	38·3	—	2	0·18	5
Fife	Inchkeith ... ¶	190	t	54	21st	32	19th	44·0	36·6	40·3	—	1	0·20	5
Midlothian	Edinburgh ...	441	p	49	21st	30	19, 23	43·1	33·6	38·3	−0·2	2	0·22	6
Peebles	West Linton ¶	770	a	49	21st	25	19th	42·1	31·3	36·7	+1·1	5	0·10	3
Berwick	Marchmont ¶	498	a	50	21st	30	17, 23	43·0	32·7	37·9	+0·5	2	0·37	9
0a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	48	17, 20, 21	23	23rd	46·0	31·9	38·9	—	2	0·36	9
Renfrew	Renfrew ... ¶	36	t	53	21st	22	19th	45·4	31·4	38·4	—	2	0·22	5
Bute	Rothesay ... ¶	200	p	49	21st	29	19th	45·0	33·6	39·3	−0·8	4	0·36	9
Ayr	Kilmarnock ¶	90	a	52	21st	22	23rd	45·4	29·3	37·3	−1·5	3	0·35	9
	Colmonell... ¶	170	a	49	21st	23	23rd	44·9	29·9	37·4	−1·7	3	0·27	7
Dumfries	Dumfries ... ¶	140	p	51	21st	31	23rd	44·1	34·1	39·1	0·0	1	0·04	1
	Eskdalemuir ...	794	t	47	21st	25	23rd	41·7	30·3	36·0	—	3	0·48	12

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	0·8	—	8	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	1·4	−1·1	14	—	—	—	—	—	—
Castlebay ..	2·7	—	27	—	—	—	—	—	—
Achnashellach	—	—	—	5	18	—	—	—	—
Inverness §	0·8	—	8	2	23	—	—	—	—
Onich ...	1·8	—	18	4	20	—	—	—	—
Nairn §	0·5	—	5	—	—	—	—	—	—
Gordon Castle	0·4	—	4	—	—	—	—	—	—
Aberdeen §	0·7	−2·1	7	1	30	—	—	46·0	+0·7
Balmoral	—	—	—	7	22	—	—	—	—
(Kinc). Crathes§	0·9	−2·1	9	5	28	36·8	—	39·0	—
Dundee §	1·4	—	14	3	28	37·3	—	—	—
Inchkeith ...	1·9	—	19	—	—	—	—	—	—
Edinburgh §	2·0	−1·0	20	3	25	—	—	—	—
West Linton	—	—	—	5	20	—	—	—	—
Marchmont §	1·2	−1·4	12	—	—	—	—	—	—
Ford ..	—	—	—	4	22	38·3	—	41·0	—
Renfrew .	3·2	—	32	4	14	—	—	—	—
Rothesay §	3·3	+0·9	33	4	23	37·7	—	41·6	0·0
Kilmarnock ..	2·8	—	27	—	—	37·8	—	41·9	—
Colmonell ..	—	—	—	5	18	—	—	—	—
Dumfries .	1·9	—	19	6	16	37·8	−0·5	41·0	+0·8
Eskdalemuir §	1·8	−0·5	18	5	21	—	—	—	—

* t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
a " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
h " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
6b. ISLE OF MAN.		Ft.		°F.		°F.		°F.	°F.	°F.	°F		in.	mm.	mm
I. of Man	Douglas ... ¶	284	h	49	21st	29	19th	44·0	34·4	39·2	− 1·5	3	0·26	7	− 11
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	52	21st	30	17th	42·6	32·0	37·3	0·0	4	0·21	5	− 4
	Tynemouth ¶	118	t	48	21st	32	17, 20	43·1	35·9	39·5	+0·5	3	0·32	8	+ 1
Durham	Durham ... ¶	336	p	49	21st	27	20, 21	43·0	29·9	36·5	− 1·5	2	0·17	4	− 3
York, N. Riding	Rounton ... ¶	249	p	50	21st	27	20th	43·3	31·3	37·3	− 0·6	5	0·30	7	− 1
	West Witton ...	605	a	49	21st	27	17th	42·4	32·7	37·5	—	2	0·02	1	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	50	21st	27	17th	43·1	32·7	37·9	− 1·4	3	0·11	3	− 5
E. Riding	Spurn Head ¶	26	t	43	21st	30	17th	40·7	34·7	37·7	− 1·5	4	0·17	4	− 2
Lincoln	Lincoln ... ¶	58	a	47	21, 23	22	17th	43·0	31·4	37·2	− 1·9	3	0·07	2	− 5
	Cranwell ... ¶	236	t	47	21st	22	17th	41·9	30·6	36·3	− 2·7	2	0·07	2	− 6
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	45	21st	27	17th	41·0	31·3	36·1	− 2·9	5	0·37	9	+ 3
	Yarmouth ¶	13	t	44	22nd	28	17, 18	40·1	31·6	35·9	− 2·8	4	0·36	9	+ 2
	Norwich ... ¶	93	a	43	22nd	21	17th	39·9	29·9	34·9	− 4·2	5	0·42	11	+ 3
	Geldeston ... ¶	37	a	44	22nd	24	17th	40·5	29·7	35·1	− 4·2	5	0·48	12	+ 5
Cambridge	Cambridge ¶	41	p	44	18th	18	17th	41·6	28·1	34·9	− 4·3	2	0·08	2	− 4
Hertford	Rothamsted ¶	420	a	41	18, 21	20	17th	38·7	28·0	33·3	− 5·4	2	0·10	3	− 6
Middlesex	Tottenham ¶	51	p	42	18th	24	17th	39·6	31·3	35·5	—	2	0·09	2	—
Essex	Clacton-on-Sea ¶	55	t	42	22nd	29	17, 21	39·4	31·9	35·7	− 3·2	3	0·11	3	− 3
	Southend	90	h	42	22nd	27	17th	39·9	30·7	35·3	—	3	0·09	2	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	48	21st	28	20th	41·7	31·9	36·8	− 0·7	2	0·09	2	− 9
	Sheffield ... ¶	420	p	48	21st	28	17th	42·6	33·3	37·9	—	2	0·02	1	− 11
Derby	Buxton ... ¶	987	p	41	21st	24	17th	38·1	29·1	33·6	− 2·2	3	0·34	9	− 11
Nottingham	Worksop(Hods'ck)¶	56	a	50	23rd	24	17th	44·9	30·7	37·8	− 1·0	2	0·05	1	− 7
	Nottingham ¶	82	t	48	21st	22	17th	42·1	32·4	37·3	− 1·4	1	0·05	1	− 7
Warwick	Birmingham (Edg)¶	525	t	45	21st	22	17th	39·9	30·4	35·1	− 3·5	1	0·04	1	− 8
Northampton	Oundle ... ¶	147	a	48	21st	17	17th	41·9	27·6	34·7	—	3	0·06	2	—
Oxford	Oxford ... ¶	208	p	47	21st	21	17th	42·1	29·1	35·6	− 3·9	1	0·03	1	− 7
Stafford	Cheadle ... ¶	646	a	42	18, 21	27	17th	39·4	31·7	35·5	− 2·1	3	0·13	3	− 8
Worcester	Tenbury ... ¶	313	p	47	21st	20	17th	41·9	29·4	35·7	− 3·6	2	0·12	3	− 4
	Malvern	377	h	46	21st	22	17th	39·9	31·4	35·7	—	2	0·07	2	—
Hereford	Hereford ... ¶	291	a	45	18, 20	21	17th	41·9	29·0	35·5	− 3·8	2	0·16	4	− 6
Gloucester	Clifton ... ¶	225	a	46	18th	23	17th	41·6	30·0	35·8	− 4·4	1	0·07	2	− 10
5. ENGLAND, S.E.															
London	Westminster ...	27	a	44	21st	27	21st	40·9	31·0	35·9	− 4·9	2	0·13	3	− 5
	Greenwich ‡ ...	149	a	42	23rd	25	17th	39·4	29·7	34·5	− 5·4	2	0·12	3	− 5
	Hampstead ...	450	a	—	—	—	—	—	—	—	—	—	—	—	—
	Camden Square ...	110	a	41	18, 21, 23	26	17th	39·1	30·4	34·7	− 5·4	2	0·09	2	− 7
Surrey	Richmond(KewO)¶	18	t	42	19, 23	26	17th	38·9	31·5	35·2	− 4·9	1	0·06	2	− 6
	Wisley ... ¶	150	a	41	22, 23	24	17th	38·7	28·9	33·8	− 5·7	2	0·07	2	− 7
Kent	Tunbridge Wells ¶	354	h	42	21, 22, 23	25	18th	39·4	30·0	34·7	− 4·4	2	0·11	3	− 7
	Margate ... ¶	51	h	41	18th	28	18th	38·9	33·6	36·3	− 3·8	3	0·12	3	− 4
	Dungeness ¶	21	t	42	18, 22, 23	25	18th	40·1	32·6	36·3	− 3·5	4	0·10	3	− 5
Sussex	St. Leonards ¶	178	h	42	18, 21	28	18th	40·0	32·3	36·1	− 4·2	4	0·07	2	− 8
	Worthing... ...	36	h	42	21, 23	25	18th	39·8	31·7	35·7	—	1	0·02	1	—
I. of Wight	Ventnor ... ¶	59	a	45	18th	30	18, 21	41·7	31·9	36·8	− 5·2	4	0·04	1	− 9
Hampshire	Southampton ¶	64	p	43	23rd	25	21st	41·0	29·3	35·1	− 6·2	1	0·03	1	− 10
Wiltshire	Marlborough ¶	424	a'	44	21st	17	17th	40·3	27·6	33·9	− 4·6	1	0·03	1	− 11
	Porton ... ¶	363	a	44	21st	20	17th	40·3	26·9	33·6	—	1	0·02	1	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	48	21st	27	23rd	41·1	30·9	36·0	− 2·5	4	0·21	5	− 12
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	46	21st	29	20, 23	42·4	32·3	37·3	− 1·1	2	0·39	10	− 9
	Blackpool... ¶	66	h	47	21st	29	17th	43·1	34·1	38·6	− 0·6	3	0·18	5	− 7
	Southport ¶	37	h	46	21st	29	17th	42·4	33·7	38·1	− 1·4	2	0·22	6	− 6
Manchester	Whitworth Pk. ¶	125	p	45	21st	28	17th	41·4	32·4	36·9	− 3·2	5	0·22	6	− 5
Cheshire	Liverp'l (Bidston)¶	189	a	46	21st	29	17th	43·0	33·7	38·3	− 1·6	2	0·09	2	− 7
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	47	21, 23	25	17th	45·0	32·1	38·5	− 2·2	2	0·07	2	− 6
Carnarvon	Llandudno ¶	22	h	46	18, 21	29	17th	43·1	35·7	39·4	− 2·0	4	0·17	4	− 7
Anglesey	Holyhead ... ¶	26	t	47	21st	32	17th	43·4	37·7	40·5	− 0·7	2	0·23	6	− 8
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	46	18th	26	17th	43·4	31·7	37·5	—	2	0·32	8	—
Pembroke	St. Ann's Hd. ¶	150	t	47	18th	30	17th	43·7	35·1	39·4	− 2·3	2	0·16	4	− 10
Radnor	Rhayader... ¶	757	a	46	21st	18	17th	41·4	26·7	34·1	—	3	0·07	2	—
Glamorgan	Cardiff ... ¶	202	p	51	18th	25	17th	44·4	32·1	38·3	− 1·6	1	0·01	0·3	− 16
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	48	18, 21	20	17th	41·9	29·4	35·7	− 4·5	1	0·01	0·3	− 11
Dorset	Shaftesbury ¶	722	a	41	21, 23	25	17th	38·4	28·6	33·5	− 5·1	1	0·01	0·3	− 12
	Portland Bill ¶	19	t	45	19th	31	17, 21	42·3	33·6	37·9	− 3·9	0	0·00	0	− 10
Devon	Arlington ... ¶	613	a	47	23rd	25	17th	41·3	29·8	35·5	− 3·9	3	0·07	2	− 18
	Cullompton ¶	202	a	48	18th	22	17th	42·3	29·1	35·7	− 4·8	0	0·00	0	− 14
	Plymouth... ¶	116	p	47	18th	28	17th	43·6	31·6	37·6	− 4·6	0	0·00	0	− 15
Cornwall	Newquay	100	h	46	18th	27	17th	41·8	31·6	36·7	− 6·2	2	0·12	3	− 10
	Falmouth... ¶	167	h	48	18th	29	17th	42·3	32·4	37·9	− 5·1	2	0·03	1	− 18
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	49	20th	37	17, 23	46·0	40·3	43·1	+1·8	4	0·13	3	− 11
Mayo	Blacksod Point ¶	10	t	50	20th	33	17th	47·9	38·3	43·1	+0·4	5	0·31	8	− 16
	Mallaranny ...	120	a	50	20, 21	33	23rd	48·4	38·0	43·2	—	2	0·20	5	—
Sligo	Markree Castle ¶	122	p	49	17, 20, 21	26	23rd	47·4	33·9	40·7	0·0	4	0·25	6	− 14
Armagh	Armagh ... ¶	204	p	49	21st	30	17th	46·0	33·4	39·7	− 0·9	4	0·11	3	− 10
Down	Donaghadee ¶	35	t	50	20th	32	17th	45·3	37·6	41·5	+0·2	3	0·13	3	− 10
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	48	18, 21	31	17th	45·1	36·6	40·9	− 1·4	3	0·05	1	− 11
King's County	Birr Castle ¶	175	t	48	18, 20, 21	26	17th	45·9	35·1	40·5	− 0·1	4	0·15	4	− 10
Kilkenny	Kilkenny ... ¶	195	a	50	21st	23	17th	46·7	32·3	39·5	− 1·6	3	0·06	2	− 13
Waterford	Waterford ¶	137	a	51	21st	28	17, 18	47·7	32·9	40·3	− 1·7	1	0·01	0·3	− 19
	Seskin, Carrick-on-Suir	542	p	49	21st	28	17th	45·1	33·4	39·3	—	2	0·03	1	—
Limerick	Foynes ... ¶	50	a	50	21st	28	17th	47·0	34·7	40·9	− 1·5	4	0·09	2	− 17
Kerry	Cahirciveen ¶	30	t	50	21, 22	30	17th	47·7	37·9	42·8	− 1·3	1	0·62	1	− 30
	Killarney ... ¶	174	a	51	18, 21	28	17, 18, 19	47·3	32·4	39·9	− 3·0	3	0·37	9	− 22
Cork	Roche's Point ¶	32	t	50	21st	32	17th	46·1	36·6	41·3	− 2·1	0	0·00	0	− 21
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	49	18th	33	17th	44·9	36·9	40·9	− 4·2	2	0·14	3	− 11
Guernsey	Grange ... ¶	173	p	48	18th	33	18th	43·3	36·9	40·1	− 3·6	1	0·07	2	− 11
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	3·4	+0·7	34	3	22	—	—	—	—
Cockle Park §	1·0	− 2·0	10	6	21	36·7	− 0·2	39·0	− 0·3
Tynemouth ..	0	31	—	0	31	—	—	—	—
Durham §	1·1	− 1·5	11	3	25	—	—	—	—
Rounton ..	—	—	—	5	17	36·9	—	—	—
West Witton	—	—	—	6	21	35·5	—	39·2	—
Scarborough ‡§	—	—	—	—	—	—	—	—	—
York §	1·3	− 0·9	13	—	—	37·9	− 0·9	40·9	0·0
Spurn Head ..	2·4	—	23	—	—	—	—	—	—
Lincoln ..	—	—	—	5	22	35·8	− 1·7	40·5	0·0
Cranwell §	1·7	− 1·2	17	4	15	—	—	—	—
Skegness §	2·6	− 0·5	26	—	—	—	—	—	—
Cromer §	2·5	− 0·6	25	—	—	—	—	—	—
Yarmouth §	1·9	—	19	5	24	37·0	− 2·5	40·6	− 2·1
Norwich ..	1·9	—	18	5	17	33·8	—	—	—
Geldeston §	1·8	− 1·2	17	—	—	—	—	—	—
Cambridge §	1·7	− 1·2	17	6	15	35·9	− 3·5	41·2	− 0·9
Rothamsted §	1·6	− 1·2	15	6	15	34·7	—	—	—
Tottenham §	0·6	—	6	—	—	—	—	—	—
Clacton-on-Sea §	1·7	− 1·5	17	5	23	36·7	− 3·9	41·4	− 1·9
Southend ..	1·1	—	10	5	24	36·6	—	—	—
Harrogate §	1·2	− 1·6	12	7	18	37·4	− 0·6	39·7	+0·1
Sheffield §	1·4	− 1·2	13	4	23	36·2	− 1·6	39·7	− 0·9
Buxton ...	1·0	—	9	5	22	34·6	− 2·3	39·6	− 0·7
Worksop §	1·4	− 1·0	14	7	16	36·9	—	40·2	—
Nottingham §	1·2	− 1·2	12	4	24	35·5	− 2·2	38·8	− 0·4
Birmingham §	0·9	− 1·1	9	6	12	36·6	− 3·0	43·1	− 0·2
Oundle ...	1·7	—	17	6	12	35·8	—	41·4	—
Oxford §	1·9	− 0·9	18	7	13	—	—	—	—
Cheadle ...	—	—	—	7	18	—	—	—	—
Tenbury ...	—	—	—	6	16	36·9	—	—	—
Malvern... ...	2·7	—	26	6	12	35·8	—	40·4	—
Ross on Wye §	2·3	—	22	6	18	36·5	—	41·6	—
Clifton §	2·5	—	25	7	26	—	—	—	—
Westminster	0·1	− 1·5	1	5	21	—	—	—	—
Greenwich ..	0·3	− 2·1	3	6	17	—	—	—	—
Hampstead ..	—	—	—	—	—	—	—	—	—
Camden Square	—	—	—	5	22	36·1	—	42·3	—
Richmond § (Kew Obs.)	0·4	− 2·1	4	5	14	35·1	− 4·5	42·4	− 0·4
Wisley §	0·6	− 2·1	5	6	10	36·0	− 3·8	41·6	− 0·7
Tunbridge W'ls §	0·9	− 2·1	8	5	12	37·8	—	42·0	—
Margate §	2·3	− 0·7	23	2	22	37·8	− 3·1	42·2	− 0·6
Folkestone §	2·5	—	24	3	27	—	—	44·7	—
St. Leonards §	2·9	− 0·5	28	5	21	37·5	—	43·1	—
Worthing §	1·4	− 2·2	13	5	18	37·8	− 3·1	43·4	− 0·2
Ventnor §	2·6	− 0·9	25	—	—	—	—	—	—
Southampton §	2·3	− 0·9	22	5	22	—	—	—	—
Marlborough §	1·5	− 1·0	14	6	—	36·4	—	43·1	—
Porton	2·0	—	19	5	12	35·4	—	—	—
Aspatria §	1·4	− 1·3	14	5	21	38·4	− 1·0	41·5	− 0·4
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·2	− 1·3	12	4	22	—	—	—	—
Blackpool §	2·1	− 1·0	20	5	22	39·2	—	43·1	—
Southport §	1·9	− 1·1	19	5	23	36·5	− 1·6	40·0	− 0·1
Whitworth Pk.	0·6	− 1·1	6	—	—	—	—	—	—
Oldham Road	1·1	− 0·6	11	3	28	35·9	− 2·4	42·4	+0·6
Bidston ..	1·7	—	16	7	27	—	—	—	—
(Ches.)Hoylake §	1·7	− 1·1	17	—	—	—	—	—	—
Llandudno §	1·9	− 1·0	19	—	—	—	—	—	—
Holyhead ..	3·1	—	30	2	27	—	—	—	—
Aberystwyth §	3·4	+0·5	33	—	—	—	—	—	—
St. Ann's Hd §	2·7	− 0·4	27	—	—	—	—	—	—
Rhayader §	3·6	—	35	7	9	—	—	—	—
Cardiff ...	3·7	—	36	7	18	36·5	− 3·7	43·0	+0·3
Bath .. §	1·9	− 1·2	18	—	—	37·6	—	42·9	—
Shaftesbury ..	—	—	—	—	—	—	—	41·7	—
Weymouth ..	2·4	—	23	—	—	—	—	—	—
Cullompton §	2·4	− 0·5	23	7	14	38·7	—	—	—
Plymouth §	4·4	+1·2	43	6	25	37·5	− 5·1	45·0	—
Newquay §	3·6	+0·3	35	—	—	40·1	—	46·0	—
Falmouth §	4·2	+0·7	40	6	23	39·9	—	45·5	—
Malin Head ..	2·5	—	25	—	—	—	—	—	—
Mallaranny ..	3·5	—	34	—	—	—	—	—	—
Markree Castle §	—	—	—	4	23	40·8	− 0·6	44·1	+0·7
Armagh §	3·4	+0·9	34	4	23	39·8	− 0·6	42·8	+0·1
Trinity Coll.	—	—	—	4	23	41·1	− 0·9	43·8	0·0
Phœnix Park §	2·0	− 1·1	20	4	19	—	—	—	—
Dublin City ..	—	—	—	3	25	—	—	—	—
Birr Castle §	2·8	+0·1	27	4	19	—	—	—	—
Seskin ..	3·2	—	31	4	19	—	—	—	—
Cahirciveen (Valencia O.)§	4·7	+1·8	46	3	26	—	—	—	—
Ballinacurra §	3·9	+0·7	38	—	—	—	—	—	—
St. Mary's §	2·8	− 0·5	27	—	—	—	—	—	—
Grange §	1·9	− 1·5	18	1	28	40·1	− 3·6	45·2	− 0·2
St. Helier's §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, February 23rd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	17 to 22	65	72	22	0	9	360	35	16	18	2	45	20	18	1	10
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	18, 21, 22	30	101	30	7	0	360	34	15	18	5	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	65	91	12	0	350	23	11	18	6	42	19	18	6	5
Edinburgh Edinburgh ...	485	39	31	—	0	17	1	88	78	1	0	240	26	12	17	21	42	19	17	20	35
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	26	108	34	0	30	21	9	18	10	38	17	17	15	50
Dumfries Eskdalemuir ...	825	50	22	—	0	18, 23	3	58	90	17	0	360	25	11	18	9	40	18	18	8	30
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	18, 19	14	80	70	4	0	10	28	13	19	5	47	21	18	23	5
York, E.R. Spurn Head ...	67	41	‡	—	0	18, 19, 22, 23	43	67	55	3	0	360	35	16	19	3	68	30	18	18	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	78	65	25	0	30	23	10	19	12	32	14	22	14	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	18, 19, 22	16	62	73	17	0	360	32	14	19	11	50	22	19	9	15
Essex Shoeburyness...	103	90	‡	—	0	—	0	62	86	20	0	10	20	9	19	15	31	14	19	13	35
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	6	112	50	0	10	15	7	19	13	26	12	18	16	5
Kent Lympne ...	409	70	‡	—	0	19, 22	4	78	77	9	0	360	26	12	22	22	39	17	22	21	50
Surrey Croydon ...	284	40	24	—	0	—	0	46	85	37	0	30	19	9	19	16	31	14	19	12	25
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	49	101	18	0	10	21	9	19	13	33	15	19	10	20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	92	46	29	1	10	24	11	19	13	39	17	19	13	0
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	19	5	88	(74)	(0)	1	10	26	12	19	12	35	16	19	11	20
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	18, 19	5	71	63	29	0	10	30	13	18	13	44	20	18	13	25
Lancashire Southport ...	80	62	48	—	0	18	7	77	71	13	0	20	29	13	18	14	46	21	18	17	40
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	18, 19	6	83	45	34	0	30	28	13	18	13	39	17	18	13	0
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	24	107	12	25	—	22	10	19	13	34	15	19	11	40
Cornwall Pendennis Castle§ ..	256	65	24	—	0	19	2	62	98	6	0	20	25	11	19	14	36	16	18	15	10
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	17, 18	7	63	89	9	0	240	34	15	17	24	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	29	97	42	0	30	22	10	18	17	38	17	18	18	0
Cork Weaver Pt. ...	160	30	‡	—	0	18	2	29	118	19	0	—	28	13	18	16	42	19	18	15	20
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	—	0	—	0	94	71	3	0	40	24	11	19	8	35	16	19	7	30

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	10	6	2·9	3	7	3·1	5	6	2·6	1	3	1·3	4	7	2·9	2	4	1·7	3	6	2·6	2	4	1·9
North	14	19	8·3	18	7	3·2	19	15	6·7	18	9	4·2	19	12	5·4	23	8	3·5	22	8	3·6	18	6	2·6
West	24	10	4·6	20	13	5·9	17	4	1·8	6	3	1·3	9	8	3·6	2	11	4·9	18	9	4·2	4	6	2·7
East	0	—	—	6	7	3·1	5	7	3·2	10	4	1·8	14	7	3·2	23	10	4·5	7	4	1·9	6	5	2·2
Calm (or wind-speed < 4 m.p.h.)	1	—	—	0	—	—	3	—	—	9	—	—	5	—	—	1	—	—	0	—	—	8	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 28th February, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

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NINTH WEEK.
SUNDAY, FEBRUARY 24TH TO SATURDAY, MARCH 1ST, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

NINTH WEEK of 1924—February 24th to March 1st, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	47	24	40·4	32·9	36·6	− 1·5	0	− 6	38	+ 4	6	+ 1	0·98	25	+ 1	1·8	− 0·6	17	1009
Eastern.																			
1. SCOTLAND, EAST ..	47	23	39·6	31·6	35·6	− 1·9	0	− 7	45	+ 7	5	+ 1	0·49	13	0	2·9	+0·1	27	1009
2. ENGLAND, N.E. ..	48	20	40·3	29·8	35·1	− 4·0	0	− 10	48	+18	6	+ 2	0·46	12	0	2·9	0·0	27	1011
3. ENGLAND, EAST ..	47	18	38·9	30·0	34·5	− 4·8	0	− 13	53	+21	5	+ 1	0·56	14	+ 4	2·9	− 0·1	26	1012
4. MIDLAND COUNTIES	50	17	40·8	29·3	35·1	− 4·3	0	− 14	48	+16	5	+ 1	0·36	9	− 3	2·7	+0·1	25	1014
5. ENGLAND, S.E. ..	47	21	40·3	30·3	35·3	− 5·1	0	− 15	47	+20	5	+ 1	0·34	9	− 4	3·0	0·0	28	1013
Western.																			
6. SCOTLAND, WEST[1] ..	48	25	43·1	31·8	37·5	− 2·0	3	− 6	35	+ 8	4	0	0·28	7	− 14	4·1	+1·6	39	1012
7. ENGLAND, N.W.[2] ..	46	23	41·7	31·5	36·6	− 3·3	0	− 11	38	+12	5	+ 1	0·33	8	− 8	2·9	+0·1	27	1015
8. ENGLAND, S.W.[3] ..	49	21	42·5	30·7	36·6	− 4·8	1	− 15	39	+18	4	0	0·28	7	− 13	3·6	+0·6	33	1016
9. IRELAND, NORTH ..	50	24	44·8	34·2	39·5	− 1·5	8	− 6	25	+ 4	6	+ 1	0·57	14	− 5	2·3	− 0·2	21	1017
10. IRELAND, SOUTH ..	51	27	46·1	33·9	39·9	− 2·8	11	− 9	26	+11	5	+ 1	0·24	6	− 14	2·5	− 0·4	23	1020
11. CHANNEL ISLANDS[4]	49	31	44·1	36·4	40·3	− 3·8	6	− 17	18	+10	6	+ 2	0·61	16	0	2·5	− 1·3	23	1018
MEAN: DISTRICTS 1-10	51	17	41·8	31·3	36·6	− 3·5	2	− 11	41	+13	5	+ 1	0·39	10	− 6	3·0	+0·2	28	1014

THE SEASON (Winter).—Aggregates, &c., for the Period of 13 Weeks, December 2nd, 1923, to March 1st, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	55	18	43·2	35·5	39·4	+1·1	75	− 9	310	−105	66	− 2	13·45	342	− 73	1·0	− 0·2	13	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	11	41·9	33·3	37·7	+0·2	60	− 23	447	− 46	59	+ 6	6·46	164	− 34	1·5	− 0·2	19	1011
2. ENGLAND, N.E. ..	54	19	42·1	33·9	38·1	− 0·7	54	− 50	405	+ 9	45	− 5	5·23	133	− 8	1·7	0·0	20	1014
3. ENGLAND, EAST ..	52	18	42·3	33·8	38·2	− 0·5	50	− 72	400	− 22	50	− 2	5·88	149	+ 8	1·7	− 0·2	19	1015
4. MIDLAND COUNTIES	53	15	43·3	33·7	38·7	+0·1	76	− 54	380	− 58	49	− 3	6·08	154	− 14	1·6	− 0·1	18	1015
5. ENGLAND, S.E. ..	54	17	44·3	35·2	39·9	− 0·3	109	− 57	304	− 22	48	− 2	5·97	153	− 33	2·0	0·0	22	1016
Western.																			
6. SCOTLAND, WEST[1] ..	55	13	44·0	35·0	39·6	− 0·1	102	− 19	318	− 5	64	+ 3	11·87	300	− 54	1·6	+ 0·1	19	1013
7. ENGLAND, N.W.[2] ..	57	16	44·0	36·2	40·2	+0·2	96	− 36	258	− 62	57	+ 2	7·43	188	− 45	1·6	0·0	19	1014
8. ENGLAND, S.W.[3] ..	55	14	45·8	37·1	41·6	0·0	164	− 41	204	− 39	55	− 2	9·63	245	− 48	2·0	+ 0·1	23	1015
9. IRELAND, NORTH ..	56	18	46·4	37·9	42·3	+1·4	189	+24	164	−105	68	+ 3	9·70	246	− 19	1·5	− 0·1	18	1012
10. IRELAND, SOUTH ..	57	23	47·8	38·8	43·4	+0·9	255	+ 3	129	− 80	59	− 2	10·72	270	− 30	1·6	− 0·3	18	1015
11. CHANNEL ISLANDS[4]	53	31	48·5	41·7	45·2	+0·4	341	− 3	52	− 37	61	− 2	8·97	229	− 20	2·1	− 0·3	23	1016
MEAN: DISTRICTS 1-10 ..	57	11	44·2	35·5	40·0	+0·1	115	− 33	301	− 43	55	0	7·90	200	− 28	1·7	− 0·1	19	1014

THE YEAR. Aggregates, &c., for the Period of 9 Weeks, December 30th, 1923, to March 1st, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	55	18	43·6	36·0	39·9	+1·8	58	+ 4	194	−112	44	− 2	8·45	215	− 60	1·1	− 0·3	13	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	11	42·4	33·7	38·2	+0·9	48	− 9	288	− 65	39	+ 3	3·95	101	− 26	1·5	− 0·5	18	1011
2. ENGLAND, N.E. ..	54	19	42·5	34·2	38·5	0·0	45	− 25	265	− 23	30	− 4	3·17	81	− 8	1·7	− 0·3	19	1014
3. ENGLAND, EAST ..	52	18	42·2	34·1	38·2	− 0·2	41	− 40	278	− 31	33	− 2	3·73	95	+ 6	1·8	− 0·4	20	1016
4. MIDLAND COUNTIES	53	15	43·2	34·0	38·7	+0·3	57	− 31	265	− 51	33	− 2	4·04	102	− 4	1·6	− 0·3	18	1015
5. ENGLAND, S.E. ..	52	17	44·0	35·3	39·8	0·0	74	− 30	218	− 27	30	− 4	3·61	93	− 21	2·1	− 0·1	22	1016
Western.																			
6. SCOTLAND, WEST[1] ..	53	20	44·2	35·4	39·9	+0·5	75	− 2	207	− 35	42	0	7·27	184	− 41	1·5	− 0·3	17	1013
7. ENGLAND, N.W.[2] ..	57	22	44·1	36·3	40·3	+0·7	71	− 13	181	− 55	36	− 1	4·47	113	− 35	1·7	− 0·2	19	1015
8. ENGLAND, S.W.[3] ..	55	14	45·4	36·8	41·2	+0·1	104	− 24	155	− 33	35	− 3	6·40	162	− 15	2·1	− 0·1	23	1015
9. IRELAND, NORTH ..	56	18	46·4	37·9	42·3	+1·6	133	+21	114	− 82	45	+ 1	5·96	152	− 20	1·6	− 0·2	18	1012
10. IRELAND, SOUTH ..	57	23	47·7	38·7	43·2	+1·0	172	+ 5	95	− 60	40	− 1	7·70	194	+ 2	1·7	− 0·4	19	1014
11. CHANNEL ISLANDS[4]	53	31	47·9	41·3	44·7	+0·5	218	+ 7	50	− 24	39	− 3	6·00	153	+ 3	2·2	− 0·5	24	1016
MEAN: DISTRICTS 1-10 ..	57	11	44·2	35·6	40·0	+0·5	82	− 15	207	− 46	36	− 1	5·03	128	− 16	1·7	− 0·3	19	1014
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England. N.W. (and N. Wales)	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Moderate	Deficient	Deficient
	Rainfall ..	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate	Light	Moderate	Light	Moderate	Light	Moderate
	Sunshine ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Abundant	Moderate	Moderate	Moderate	Moderate	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 13 weeks from Dec. 2nd, 1923.	Warmth ..	5, 7, 1	5, 3, 5	3, 5, 5	4, 5, 4	4, 4, 5	3, 6, 4	4, 4, 5	5, 4, 4	4, 5, 4	5, 7, 1	4, 7, 2	4, 7, 2
	Rainfall ..	1, 8, 4	0, 10, 3	2, 7, 4	5, 6, 2	4, 4, 5	3, 5, 5	4, 4, 5	3, 5, 5	4, 3, 6	4, 5, 4	5, 1, 7	4, 4, 5
	Sunshine ..	2, 9, 2	3, 6, 4	4, 6, 3	1, 8, 4	3, 6, 4	2, 8, 3	6, 2, 5	6, 5, 2	4, 7, 2	2, 8, 3	0, 8, 5	2, 5, 6

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The general character of the weather during the week was changeable and unsettled, with very bright intervals. Snow and hail fell in many places and towards the end of the week "snow lying" to a depth of several inches was recorded, notably in the northern parts of the country. On February 29th a very deep depression, centred in the neighbourhood of the Shetlands, moved south-eastwards causing gales to be experienced in many parts of our Islands. (The observer at Gordon Castle (Elgin) states that it was one of the worst blizzards for 20 years.) During the week a maximum temperature round about 50°F. was recorded at Hodsock Priory (Worksop) and also at a few places in Ireland, but in most other parts of the country temperature did not reach that value, in fact, on some days in parts of England and Scotland the day temperatures did not rise much above 32°F. Screen minima below 20°F. were registered in one or two places, the lowest reading, 17°F., being recorded at Tenbury (Worcester) on February 27th. Ground frosts occurred in all parts of the country and in places the readings of the grass thermometer were again decidedly low, the reading at Rhayader (Radnor) on February 27th being as low as 9°F. The mean temperature for the week was below the normal in all Districts. Amounts of precipitation (rain, snow or hail) of between 10mm. and 15mm. were registered in a few places on various days, but with the exception of a few stations, notably in Scotland and eastern England, the total amount for the week was below the normal. Thunderstorms were reported at Blackpool and Manchester on February 29th. Sunshine values varying between 8 and 9 hrs. were recorded in some parts, especially on February 28th and March 1st. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·2 hrs. at Rothesay (Bute) to −1·7 hrs. at Guernsey. Solar halos were observed at Ross-on-Wye on February 27th, and at Oxford on February 29th and March 1st. The Zodiacal Light was seen at Ross-on-Wye on February 24th, at Oxford on the 25th, 26th and 28th, and at Wadhurst (Sussex) on the 28th, 29th and March 1st. The mean temperature, rainfall and sunshine for the winter season commencing December 2nd, 1923, may be classified as moderate.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm	mm
Shetlands	Lerwick ¶	54	t	44	26th	25	28th	39·6	33·4	36·5	− 1·2	7	1·13	29	+12
Orkneys	Deerness	160	p	43	25, 27	25	28,29,1	41·6	31·4	36·5	− 1·7	6	1·21	31	+16
Hebrides	Stornoway ¶	51	t	47	26th	27	28th	40·6	33·9	37·3	− 1·4	7	1·24	32	+ 9
	Castlebay	37	t	47	24, 26	29	1st	42·1	37·0	39·5	—	5	0·41	10	—
Caithness	Wick ... ¶	81	t	44	24th	24	28th	39·4	34·1	36·7	− 1·2	7	1·37	35	+23
Ross and Cromarty	Strathpeffer ¶	125	a	46	26th	28	1st	40·7	32·6	36·7	− 1·1	6	0·69	17	+ 3
	Achnashellach ¶	225	h	44	24, 27	27	28th	39·0	32·6	35·8	—	7	1·06	27	—
Inverness	Inverness	242	h	44	26th	28	28th	41·0	33·3	37·1	—	6	0·55	14	—
	Fort Augustus ¶	68	a	46	24, 26	27	28, 1	41·1	30·9	36·0	− 2·0	3	0·47	12	− 9
	Onich ... ¶	48	h	47	24th	28	28, 29	42·4	32·7	37·5	—	5	0·87	22	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	45	26th	28	28th	38·9	34·0	36·5	− 1·2	7	0·67	17	+ 6
Elgin	Gordon Castle ¶	101	p	45	24, 26	27	29th	40·9	31·6	36·3	− 2·2	7	1·10	28	+16
Aberdeen	Aberdeen ... ¶	46	t	44	27th	27	28th	39·3	33·6	36·5	—	7	0·46	12	− 1
	Balmoral ... ¶	930	a	40	26, 27	23	28th	36·6	28·3	32·5	− 1·9	7	0·91	23	+ 7
Perth	Crieff ... ¶	478	p	47	27th	25	28th	42·1	30·6	36·3	− 1·9	4	0·17	4	− 15
Forfar	Dundee	147	a	44	24, 25	27	28th	40·6	32·1	36·3	—	3	0·07	2	—
Fife	Inchkeith ... ¶	190	t	45	27th	29	28th	40·4	35·1	37·7	—	1	0·03	1	—
Midlothian	Edinburgh ...	441	p	44	27th	27	28th	40·7	31·6	36·1	− 2·2	3	0·07	2	− 8
Peebles	West Linton ¶	770	a	44	27th	24	28th	38·9	29·1	34·0	− 1·3	5	0·38	10	—
Berwick	Marchmont ¶	498	a	43	24, 27	25	28th	39·6	30·7	35·1	− 2·2	4	0·22	6	− 8
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	46	24, 25	28	26, 28	43·4	31·9	37·7	—	4	0·37	9	—
Renfrew	Renfrew ... ¶	36	t	48	27th	28	25, 28	43·3	32·7	38·0	—	3	0·08	2	—
Bute	Rothesay ... ¶	200	p	46	26th	28	28, 29	43·0	32·3	37·7	− 2·3	5	0·43	11	− 10
Ayr	Kilmarnock ¶	90	a	47	24, 26, 27	26	25th	43·6	29·3	36·5	− 2·3	5	0·23	6	− 10
	Colmonell... ¶	170	a	47	24, 25	27	24th	43·7	31·7	37·7	− 1·6	3	0·34	9	− 11
Dumfries	Dumfries ... ¶	140	p	46	24, 27	25	1st	42·3	30·4	36·3	− 2·9	1	0·10	3	− 13
	Eskdalemuir ...	794	t	43	27th	24	28th	38·7	30·0	34·3	—	5	0·32	8	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft: Mean	Deviation from normal
	hr	hr.	%		°F	°F	°F	°F.	°F.
Lerwick ..	2·6	—	25	—	—	—	—	—	—
Deerness §	2·6	+0·1	25	—	—	—	—	—	—
Stornoway §	1·5	− 1·1	14	—	—	—	—	—	—
Castlebay ..	4·2	—	40	—	—	—	—	—	—
Achnashellach	—	—	—	5	20	—	—	—	—
Inverness §	1·3	—	12	3	24	—	—	—	—
Onich ...	2·4	—	22	6	23	—	—	—	—
Nairn §	1·6	—	15	—	—	—	—	—	—
Gordon Castle	2·0	—	19	—	—	—	—	—	—
Aberdeen §	2·9	0·0	27	3	22	—	—	40·1	+0·6
Balmoral	—	—	—	6	18	—	—	—	—
(Kinc). Crathes§	3·1	+0·2	30	6	21	36·8	—	39·3	—
Dundee §	3·2	—	30	4	24	36·7	—	—	—
Inchkeith ...	3·7	—	35	—	—	—	—	—	—
Edinburgh §	3·2	+0·2	30	3	23	—	—	—	—
West Linton	—	—	—	7	20	—	—	—	—
Marchmont §	3·7	+1·0	35	—	—	—	—	—	—
Ford ..	—	—	—	4	24	38·4	—	40·4	—
Renfrew .	5·0	—	47	4	18	—	—	—	—
Rothesay §	4·5	+2·2	43	4	24	37·7	—	41·0	− 0·7
Kilmarnock ..	4·4	—	41	—	—	37·6	—	41·5	—
Colmonell ..	—	—	—	4	25	—	—	—	—
Dumfries ..	4·6	—	43	6	14	37·6	− 1·1	40·7	+0·3
Eskdalemuir §	3·5	+1·4	33	6	20	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	46	24th	30	1st	42·7	34·1	38·4	− 2·2	5	0·41	10	− 7
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	44	24th	25	28th	39·4	28·7	34·1	− 3·4	5	0·35	9	− 6
	Tynemouth ¶	118	t	46	24th	29	28th	41·4	33·1	37·3	− 1·9	7	0·42	11	− 1
Durham	Durham ... ¶	336	p	44	24th	20	1st	39·7	27·0	33·3	− 5·0	6	0·51	13	+ 1
York, N. Riding	Rounton ... ¶	249	p	46	24th	22	27th	40·1	27·6	33·9	− 4·3	6	0·52	13	+ 1
	West Witton ...	605	a	42	24th	22	27th	39·1	30·0	34·5	—	6	0·33	8	—
	Scarborough ¶	118	h	47	24th	28	27, 29	42·7	32·3	37·5	− 2·4	6	0·54	14	+ 1
	York ... ¶	56	p	48	24th	25	27th	41·6	30·3	35·9	− 3·7	6	0·47	12	0
E. Riding	Spurn Head ¶	26	t	43	24th	29	29th	38·1	32·3	35·2	− 4·2	5	0·50	13	+ 3
Lincoln	Lincoln ... ¶	58	a	48	24th	26	8, 1	40·7	29·3	35·0	− 4·5	5	0·44	11	0
	Cranwell ... ¶	236	t	48	24th	22	29th	39·0	28·0	33·5	− 5·9	4	0·36	9	− 3
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	44	24th	23	29th	38·0	29·1	33·5	− 5·8	6	0·56	14	+ 5
	Yarmouth ¶	13	t	43	24th	20	29th	38·6	30·7	34·7	− 4·2	6	0·69	17	+ 7
	Norwich ... ¶	93	a	44	24th	21	29th	38·3	30·1	34·2	− 5·3	6	0·97	25	+13
	Geldeston ... ¶	37	a	45	24th	18	29th	39·1	29·6	34·3	− 5·3	6	0·71	18	+ 8
Cambridge	Cambridge ¶	41	p	47	24th	23	29th	40·0	29·7	34·9	− 4·8	5	0·59	15	+ 6
Hertford	Rothamsted ¶	420	a	43	29th	23	29th	38·7	28·4	33·5	− 5·5	5	0·27	7	− 6
Middlesex	Tottenham ¶	51	p	44	24, 29	28	29th	39·9	31·4	35·7	—	4	0·27	7	—
Essex	Clacton-on-Sea ¶	55	t	44	24, 29	25	29th	38·7	31·1	34·9	− 4·2	6	0·39	10	+ 1
	Southend	90	h	45	24th	25	29th	40·6	30·9	35·7	—	5	0·29	7	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	46	24th	21	27th	40·0	27·9	33·9	− 4·3	6	0·54	14	− 1
	Sheffield	429	p	46	24th	24	27th	40·3	29·1	34·7	—	7	0·67	17	+ 1
Derby	Buxton	987	p	40	24th	19	27th	37·1	26·4	31·7	− 4·9	6	0·59	15	− 11
Nottingham	Worksop (Hods'ck) ¶	56	a	50	24th	23	27th	42·6	29·0	35·8	− 3·9	7	0·88	22	+12
	Nottingham ¶	82	t	47	24th	25	27th	40·1	30·0	35·1	− 4·4	6	0·37	9	− 1
Warwick	Birmingham (Edg) ¶	525	t	44	29th	24	27th	39·1	29·0	34·1	− 5·3	5	0·42	11	− 1
Northampton	Oundle ... ¶	147	a	47	24th	25	29th	40·3	29·3	34·8	—	5	0·39	10	—
Oxford	Oxford ... ¶	208	p	47	24th	27	26, 27, 29	41·1	29·6	35·3	− 4·9	4	0·18	5	− 6
Stafford	Cheadle ... ¶	646	a	43	24th	26	27th	38·7	31·0	34·9	− 3·4	6	0·46	12	− 3
Worcester	Tenbury ... ¶	313	p	48	24th	17	27th	41·6	27·1	34·3	− 5·7	4	0·22	6	− 4
	Malvern	377	h	48	24th	25	27th	40·3	29·7	35·0	—	2	0·24	6	—
Hereford	Hereford ... ¶	291	a	49	29th	20	27th	43·4	29·7	36·5	− 3·6	3	0·04	1	− 12
Gloucester	Clifton ... ¶	225	a	45	24, 29	28	26, 27	41·0	30·6	35·8	− 5·1	3	0·10	3	− 13
5. ENGLAND, S.E.															
London	Westminster ...	27	a	45	24, 29	26	29th	41·3	31·6	36·5	− 4·5	4	0·30	7	− 3
	Greenwich ‡ ...	149	a	46	29th	26	29th	40·1	31·1	35·6	− 4·6	4	0·24	6	− 5
	Hampstead ...	450	a	44	24th	24	29th	38·7	28·7	33·7	—	4	0·28	7	—
	Camden Square ...	110	a	44	24,	27	29th	40·6	31·1	35·9	− 4·6	5	0·30	8	− 4
Surrey	Richmond (Kew O) ¶	18	t	46	24, 29	28	29th	40·4	32·3	36·3	− 4·1	4	0·26	7	− 4
	Wisley ... ¶	150	a	46	29th	25	29th	40·4	30·9	35·7	− 4·0	5	0·24	6	− 6
Kent	Tunbridge Wells ¶	354	h	45	24th	23	29th	40·1	30·3	35·2	− 4·2	6	0·44	11	− 3
	Margate ... ¶	51	h	46	29th	25	29th	39·9	30·9	35·4	− 5·0	6	0·49	12	+ 2
	Dungeness ¶	21	t	44	1st	24	29th	39·3	32·0	35·7	− 4·2	5	0·39	10	− 1
Sussex	St. Leonards ¶	178	h	44	29th	25	29th	39·6	30·7	35·1	− 5·3	6	0·64	16	+ 2
	Worthing	36	h	46	24, 29	26	29th	41·2	32·0	36·6	—	4	0·37	9	—
I. of Wight	Ventnor ... ¶	59	a	45	24, 29	27	29th	42·0	31·0	36·5	− 5·6	5	0·32	8	− 6
Hampshire	Southampton ¶	64	p	45	24th	25	29th	40·4	29·4	34·9	− 6·7	4	0·32	8	− 7
Wiltshire	Marlborough ¶	424	a	46	24th	23	29th	40·3	28·1	34·2	− 4·5	5	0·22	6	− 10
	Porton ... ¶	363	a	47	29th	21	29th	40·6	27·1	33·9	—	4	0·10	3	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e) ¶	487	p	43	24th	24	28th	39·4	28·0	33·7	− 5·1	4	0·09	2	− 17
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	44	24th	23	27th	40·3	28·4	34·3	− 4·5	5	0·56	14	− 8
	Blackpool ... ¶	66	h	46	24th	25	27th	42·3	32·4	37·3	− 2·3	5	0·41	10	− 4
	Southport ¶	37	h	44	24, 25	25	27th	41·8	31·9	36·9	− 3·0	4	0·27	7	− 7
Manchester	Whitworth Pk. ¶	125	p	45	24th	24	27th	40·3	30·4	35·3	− 5·2	6	0·72	18	+ 5
Cheshire	Liverp'l (Bidston) ¶	189	a	45	24th	27	27th	42·1	30·7	36·4	− 3·9	4	0·33	8	− 3
7b. NORTH WALES.															
Flint	Hawarden Bridge ¶	22	a	46	24, 29	25	27th	43·9	31·4	37·7	− 3·3	4	0·33	8	− 1
Carnarvon	Llandudno ¶	22	h	45	24, 27	29	27th	42·7	34·4	38·5	− 3·1	4	0·19	5	− 8
Anglesey	Holyhead ... ¶	26	t	46	24, 27	32	1st	43·1	36·6	39·9	− 1·5	4	0·10	3	− 13
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	45	29th	26	27th	43·0	32·0	37·5	—	4	0·47	12	—
Pembroke	St. Ann's Hd. ¶	150	t	47	24th	30	26, 27	43·7	34·1	38·9	− 3·0	4	0·24	6	− 11
Radnor	Rhayader ... ¶	757	a	43	24th	24	27, 28	39·3	27·4	33·3	—	4	0·32	8	—
Glamorgan	Cardiff ... ¶	202	p	46	24th	27	26th	42·6	30·7	36·7	− 3·7	3	0·27	7	− 13
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	47	24, 29	28	26th	41·6	30·9	36·3	− 4·4	4	0·12	3	− 11
Dorset	Shaftesbury ¶	722	a	42	24th	24	26th	38·7	27·3	33·0	− 6·2	2	0·09	2	− 13
	Portland Bill ¶	19	t	47	29th	28	27th	42·6	33·3	37·9	− 4·2	2	0·14	4	− 8
Devon	Arlington ... ¶	613	a	46	29th	21	27th	42·4	29·1	35·7	− 4·2	6	0·65	17	− 9
	Cullompton ¶	202	a	49	29th	21	27th	44·4	28·7	36·5	− 4·5	5	0·14	4	− 14
	Plymouth ... ¶	116	p	49	29th	26	27th	44·4	31·4	37·9	− 4·7	5	0·25	6	− 13
Cornwall	Newquay	190	h	47	29th	24	27th	42·5	35·3	38·9	− 4·3	4	0·37	9	− 7
	Falmouth ... ¶	167	h	49	29th	27	27th	45·1	34·3	39·7	− 3·5	6	0·59	15	− 9
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	47	24th	32	1st	44·0	38·4	41·2	− 0·2	6	0·33	10	− 5
Mayo	Blacksod Point ¶	10	t	50	27th	25	1st	46·1	35·3	40·7	− 2·1	7	0·51	13	− 13
	Mallaranny ...	120	a	51	27th	28	1st	46·1	35·6	40·9	—	5	1·37	35	—
Sligo	Markree Castle ¶	122	p	50	27th	24	26th	45·7	31·9	38·8	− 2·2	7	0·84	21	− 1
Armagh	Armagh ... ¶	204	p	50	27th	26	1st	44·4	32·1	38·3	− 2·6	6	0·73	19	+ 4
Down	Donaghadee ¶	35	t	48	24th	27	1st	43·4	35·1	39·3	− 2·2	4	0·52	13	− 1
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	51	27th	29	1st	44·6	34·1	39·3	− 3·5	5	0·14	4	− 8
King's County	Birr Castle ¶	175	t	50	27th	27	26th	45·0	32·3	38·7	− 2·3	5	0·43	11	− 3
Kilkenny	Kilkenny ... ¶	195	a	51	27th	27	24th	46·0	31·4	38·7	− 2·8	5	0·16	4	− 11
Waterford	Waterford ¶	137	a	51	24, 27	30	24, 1	47·0	32·9	39·9	− 2·6	2	0·05	1	− 17
	Seskin, Carrick-on-Suir	542	p	49	27th	27	1st	44·9	31·6	38·3	—	5	0·09	2	—
Limerick	Foynes ... ¶	50	a	50	27th	32	26, 1	46·6	35·4	41·0	− 1·9	6	0·37	9	− 10
Kerry	Cahirciveen ¶	30	t	49	24, 27	29	24th	46·6	37·1	41·9	− 2·5	6	0·13	4	− 26
	Killarney ... ¶	174	a	51	27th	28	24th	46·4	31·9	39·1	− 4·2	5	0·57	14	− 16
Cork	Roche's Point ¶	32	t	49	27, 29	32	24, 26	46·3	35·7	41·0	− 2·7	3	0·06	1	− 19
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	48	29th	32	27th	45·7	38·0	41·9	− 3·1	5	0·36	9	− 6
Guernsey	Grange ... ¶	173	p	49	29th	31	27th	43·3	35·6	39·5	− 4·4	6	0·74	19	+ 4
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	4·4	+1·2	41	4	26	—	—	—	—
Cockle Park §	3·5	+0·4	33	7	19	35·6	− 1·6	39·0	− 0·5
Tynemouth ..	—	—	—	5	27	—	—	—	—
Durham §	3·0	+0·3	28	5	21	—	—	—	—
Rounton ..	—	—	—	6	11	36·4	—	—	—
West Witton	—	—	—	7	18	35·2	—	39·0	—
Scarborough +§	2·3	− 0·5	21	5	22	—	—	40·1	—
York §	3·3	+1·0	31	—	—	37·8	− 1·3	40·7	− 0·3
Spurn Head ..	2·3	—	22	—	—	—	—	—	—
Lincoln .	—	—	—	5	22	35·8	− 2·2	40·2	− 0·3
Cranwell §	2·5	− 0·5	24	5	15	—	—	—	—
Skegness §	2·5	− 0·7	23	—	—	—	—	—	—
Cromer §	2·6	− 0·5	24	—	—	—	—	—	—
Yarmouth §	2·9	—	27	5	17	36·9	− 3·3	40·0	− 2·9
Norwich .	2·6	—	24	5	15	34·3	—	—	—
Geldeston §	2·7	− 0·2	25	—	—	—	—	—	—
Cambridge §	2·4	− 0·5	22	6	16	36·5	− 3·6	40·6	− 1·7
Rothamsted §	3·6	+0·9	34	6	19	34·9	—	—	—
Tottenham §	2·8	—	26	—	—	—	—	—	—
Clacton-on-Sea §	2·9	− 0·3	27	5	20	36·8	− 4·2	41·0	− 2·4
Southend ..	3·4	—	31	5	23	36·7	—	—	—
Harrogate §	3·5	+0·7	33	6	12	36·9	− 1·4	39·5	− 0·3
Sheffield §	3·0	+0·4	28	5	18	35·8	− 2·4	39·3	− 1·3
Buxton ...	2·1	—	20	6	15	34·2	− 3·0	39·1	− 1·0
Worksop §	2·1	− 0·3	20	7	16	37·0	—	40·1	—
Nottingham §	1·8	− 0·7	17	5	23	35·2	− 2·9	38·3	− 1·1
Birmingham §	1·7	− 0·4	15	6	14	36·2	− 3·6	42·6	− 0·6
Oundle ...	2·5	—	23	5	19	36·4	—	40·8	—
Oxford §	3·7	+0·9	34	7	18	—	—	—	—
Cheadle ...	—	—	—	7	15	—	—	—	—
Tenbury ...	—	—	—	7	13	36·4	—	—	—
Malvern ...	3·2	—	29	7	14	35·4	—	39·8	—
Ross on Wye §	3·2	—	29	7	16	35·6	—	40·9	—
Clifton §	3·1	—	29	7	25	—	—	—	—
Westminster	2·2	+0·5	21	6	19	—	—	—	—
Greenwich ..	2·2	− 0·3	20	7	18	—	—	—	—
Hampstead ..	3·3	—	31	7	13	—	—	—	—
Camden Square	—	—	—	6	23	36·3	—	41·2	—
Richmond § (Kew Obs.)	2·8	+0·3	26	6	19	36·0	− 4·1	41·4	− 1·5
Wisley §	3·1	+0·3	29	7	11	36·7	− 3·5	40·9	− 1·5
Tunbridge W'ls §	2·7	− 0·3	25	7	12	38·2	—	41·5	—
Margate §	2·7	− 0·4	25	4	23	37·2	− 4·2	41·6	− 1·4
Folkestone §	2·6	—	24	4	26	—	—	43·7	—
St. Leonards §	2·6	− 0·8	24	5	21	37·6	—	42·3	—
Worthing §	3·2	− 0·4	29	5	17	37·6	− 3·9	42·7	− 1·0
Ventnor §	3·6	0·0	33	—	—	—	—	—	—
Southampton §	3·7	+0·5	34	6	20	—	—	—	—
Marlborough §	3·3	+0·7	30	7	—	36·3	—	42·3	—
Porton	3·7	—	34	—	13	35·2	—	—	—
Aspatria §	2·9	0·0	27	5	22	37·6	− 2·2	41·2	− 0·8
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	2·7	+0·2	26	5	17	—	—	—	—
Blackpool §	4·0	+0·8	37	5	15	38·6	—	42·8	—
Southport §	3·8	+0·8	36	6	20	35·9	− 2·8	39·7	− 0·7
Whitworth Pk.	1·5	− 0·2	14	—	—	—	—	—	—
Oldham Road	1·9	+0·1	18	4	26	35·4	− 3·2	41·6	− 0·3
Bidston ..	2·8	—	26	6	24	—	—	—	—
(Ches.) Hoylake §	3·0	+0·1	28	—	—	—	—	—	—
Llandudno §	2·2	− 0·9	20	—	—	—	—	—	—
Holyhead ..	3·0	—	28	2	28	—	—	—	—
Aberystwyth §	2·4	− 0·5	23	—	—	—	—	—	—
St. Ann's Hd §	3·0	− 0·1	28	—	—	—	—	—	—
Rhayader §	2·7	—	25	7	9	—	—	—	—
Cardiff ...	4·4	—	41	7	18	35·8	− 4·9	41·9	− 1·0
Bath .. §	2·7	− 0·3	25	—	—	37·2	—	42·0	—
Shaftesbury ..	—	—	—	—	—	—	—	40·8	—
Weymouth ..	4·3	—	40	—	—	—	—	—	—
Cullompton §	3·8	+0·9	35	6	13	39·0	—	—	—
Plymouth §	5·3	+2·0	48	6	22	37·6	− 5·2	44·0	—
Newquay §	4·1	+0·8	38	—	—	41·0	—	45·0	—
Falmouth §	4·9	+1·5	45	4	24	41·1	—	44·9	—
Malin Head ..	3·1	—	30	—	—	—	—	—	—
Mallaranny ..	1·8	—	17	—	—	—	—	—	—
Markree Castle §	—	—	—	4	20	40·9	− 1·0	44·0	+0·5
Armagh §	2·7	+0·2	25	4	22	40·4	− 0·3	42·9	+0·1
Trinity Coll.	—	—	—	6	24	41·2	− 1·0	43·8	− 0·2
Phœnix Park §	2·6	− 0·4	25	7	22	—	—	—	—
Dublin City	—	—	—	6	24	—	—	—	—
Birr Castle §	1·7	− 1·0	16	5	20	—	—	—	—
Seskin ..	3·4	—	31	6	22	—	—	—	—
Cahirciveen (Valencia O.) §	3·0	+0·1	27	2	27	—	—	—	—
Ballinacurra §	2·7	− 0·6	25	—	—	—	—	—	—
St. Mary's §	3·3	− 0·4	30	—	—	—	—	—	—
Grange §	2·1	− 1·7	19	3	27	39·4	− 4·6	44·5	− 1·0
St. Helliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, March 1st, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	24 to 1	53	74	24	17	0	260	37	17	29	10	60	27	29	8	45
Orkneys **Deerness (Cup Anr.)	188	16	5	29	8	23, 24, 27 to 29	41	71	41	7	0	290	58	26	29	15	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	29	1	24, 29, 1	31	78	57	1	0	290	41	18	29	20	66	30	29	17	20
Edinburgh Edinburgh ...	485	39	31	—	0	24, 29, 1	36	83	38	11	0	300	36	16	29	12	57	25	29	11	5
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	29, 1	15	55	72	26	0	300	32	14	1	1	66	29	29	20	30
Dumfries Eskdalemuir ...	825	50	22	29, 1	3	25, 29, 1	35	58	62	10	0	280	45	20	1	1	61	27	1	1	5
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	24, 29, 1,	37	89	39	3	0	270	40	18	1	2	59	26	1	3	15
York, E.R. Spurn Head ...	67	41	‡	29, 1	4	24, 25, 27 to 1	82	60	22	0	0	270	41	18	1	2	62	28	29	14	15
Lincoln Cranwell ...	280	43	31	—	0	29	4	103	54	7	0	270	31	14	29	15	38	17	29	15	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	25, 26, 28	30	89	38	5	6	40	34	15	25	22	47	21	25	20	40
Essex Shoeburyness...	103	90	‡	—	0	26, 29, 1	4	99	41	3	21	270	25	11	1	10	46	21	29	16	20
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	36	117	15	0	250	19	9	29	12	36	16	29	16	0
Kent Lympne ...	409	70	‡	—	0	25, 26, 28, 29	17	108	38	1	4	260	29	13	29	16	46	21	29	15	35
Surrey Croydon ...	284	40	24	—	0	29	2	79	82	5	0	260	26	12	29	12	45	20	29	12	15
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	29, 1	3	95	67	3	0	270	27	12	29	16	47	21	29	15	50
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	24, 25, 29, 1	18	106	42	1	1	280	34	15	29	16	52	23	29	14	55
Wiltshire Larkhill, S'y Plain ...	513	63	43	29	1	24, 25, 29, 1	15	117	35	0	0	290	40	18	29	15	52	23	29	14	40
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	29	9	24, 25, 28, 29, 1	26	60	28	0	45	290	51	23	29	15	73	33	29	14	30
Lancashire Southport ...	80	62	48	29, 1	23	24, 25, 27, 29, 1	27	74	39	5	0	300	48	21	29	15	65	29	29	8	55
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	29, 1	14	24, 25, 27 to 1	51	68	33	2	0	280	43	19	29	14	61	27	29	11	50
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	29	1	78	66	23	0	—	25	11	29	17	44	20	29	17	5
Cornwall Pendennis Castle§ ...	256	65	24	—	0	29	8	92	54	12	2	270	30	13	29	13	47	21	29	13	25
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	29	4	24, 29, 1	39	82	35	8	0	270	44	20	29	11	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	24, 25, 29, 1	7	72	56	33	0	340	26	12	1	4	45	20	1	3	50
Cork Weaver Pt. ...	160	30	‡	—	0	29	8	72	84	4	0	—	32	14	29	13	52	23	29	13	10
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	29	2	24, 25, 27 to 1	49	91	21	5	—	270	40	18	29	14	53	24	29	12	50

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	4	8	3·7	4	5	2·2	9	5	2·1	5	5	2·3	5	9	4·1	1	1	0·5	5	6	2·6	0	—	—
North	21	14	6·4	20	11	4·7	17	16	7·2	15	9	3·9	20	14	6·1	22	17	7·4	16	10	4·4	24	9	4·1
West	21	15	6·8	21	16	7·2	17	11	4·8	16	9	4·2	16	21	9·2	14	16	7·2	22	18	8·1	15	13	6·0
East	4	6	2·5	2	7	3·3	7	14	6·1	7	4	1·7	11	7	3·0	8	9	4·1	3	5	2·2	8	4	1·6
Calm (or wind-speed < 4 m.p.h.)	1	—	—	2	—	—	1	—	—	2	—	—	0	—	—	1	—	—	2	—	—	4	—	—
No record	0	—	—	0	—	—	4	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director.

6th March, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

VI C.3

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

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TENTH WEEK.
SUNDAY, MARCH 2ND TO SATURDAY, MARCH 8TH, 1924.

Price 9d. Net, Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TENTH WEEK of 1924—March 2nd to March 8th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F	°F	day-deg. F.	day-deg. F	day-deg. F.	day-deg. F	days.	days.	inches	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	46	12	39·8	25·8	32·6	− 5·7	0	− 7	66	+33	4	− 1	0·75	19	− 10	2·6	− 0·1	23	1005
Eastern.																			
1. SCOTLAND, EAST ..	48	2	39·8	25·0	32·2	− 6·2	0	− 9	69	+33	1	− 4	0·06	2	− 14	4·3	+1·2	39	1007
2. ENGLAND, N.E. ..	47	16	40·8	26·5	33·4	− 6·3	0	− 12	60	+30	2	− 2	0·18	5	− 7	4·2	+0·9	38	1011
3. ENGLAND, EAST ..	49	22	43·1	29·6	36·2	− 3·9	3	− 12	44	+16	3	− 1	0·33	8	− 3	5·7	+2·4	51	1013
4. MIDLAND COUNTIES	50	19	41·4	27·0	34·0	− 5·9	0	− 15	56	+26	3	− 1	0·42	11	− 1	4·2	+1·2	37	1012
5. ENGLAND, S.E. ..	49	22	45·1	31·0	37·9	− 3·2	9	− 7	37	+14	3	− 1	0·37	9	− 5	6·6	+3·3	58	1013
Western.																			
6. SCOTLAND, WEST[1] ..	49	15	42·0	26·7	34·1	− 5·9	0	− 10	55	+30	1	− 4	0·21	5	− 19	4·5	+1·3	41	1010
7. ENGLAND, N.W.[2] ..	50	21	41·5	29·5	35·3	− 5·0	0	− 11	47	+24	3	− 1	0·35	9	− 8	4·9	+1·9	44	1010
8. ENGLAND, S.W.[3] ..	51	15	44·2	31·4	37·6	− 3·9	6	− 11	37	+17	3	− 1	0·51	13	− 8	5·5	+2·0	48	1011
9. IRELAND, NORTH ..	51	18	42·5	28·6	35·4	− 5·6	1	− 14	48	+26	3	− 2	0·30	8	− 10	5·5	+2·5	49	1009
10. IRELAND, SOUTH ..	55	21	44·8	30·6	37·5	− 4·8	8	− 12	39	+21	3	− 1	0·39	10	− 10	4·9	+1·2	43	1010
11. CHANNEL ISLANDS[4]	51	30	48·2	37·1	42·5	− 1·8	17	− 7	14	+ 6	3	− 2	0·37	10	− 9	7·5	+3·6	66	1012
MEAN: DISTRICTS 1-10	55	2	42·5	28·6	35·4	− 5·1	3	− 11	49	+24	3	− 2	0·31	8	− 9	5·0	+1·8	45	1011

THE SEASON (Spring).—Aggregates, &c., for the Period of 1 Week, March 2nd to March 8th, 1924.

0. SCOTLAND, NORTH ..	46	12	39·8	25·8	32·6	− 5·7	0	− 7	66	+33	4	− 1	0·75	19	− 10	2·6	− 0·1	23	1005
Eastern.																			
1. SCOTLAND, EAST ..	48	2	39·8	25·0	32·2	− 6·2	0	− 9	69	+33	1	− 4	0·06	2	− 14	4·3	+ 1·2	39	1007
2. ENGLAND, N.E. ..	47	16	40·8	26·5	33·4	− 6·3	0	− 12	60	+30	2	− 2	0·18	5	− 7	4·2	+ 0·9	38	1011
3. ENGLAND, EAST ..	49	22	43·1	29·6	36·2	− 3·9	3	− 12	44	+16	3	− 1	0·33	8	− 3	5·7	+ 2·4	51	1013
4. MIDLAND COUNTIES	50	19	41·4	27·0	34·0	− 5·9	0	− 15	56	+26	3	− 1	0·42	11	− 1	4·2	+ 1·2	37	1012
5. ENGLAND, S.E. ..	49	22	45·1	31·0	37·9	− 3·2	9	− 7	37	+14	3	− 1	0·37	9	− 5	6·6	+ 3·3	58	1013
Western.																			
6. SCOTLAND, WEST[1] ..	49	15	42·0	26·7	34·1	− 5·9	0	− 10	55	+30	1	− 4	0·21	5	− 19	4·5	+ 1·3	41	1010
7. ENGLAND, N.W.[2] ..	50	21	41·5	29·5	35·3	− 5·0	0	− 11	47	+24	3	− 1	0·35	9	− 8	4·9	+ 1·9	44	1010
8. ENGLAND, S.W.[3] ..	51	15	44·2	31·4	37·6	− 3·9	6	− 11	37	+17	3	− 1	0·51	13	8	5·5	+ 2·0	48	1011
9. IRELAND, NORTH ..	51	18	42·5	28·6	35·4	− 5·6	1	− 14	48	+26	3	− 2	0·30	8	− 10	5·5	+ 2·5	49	1009
10. IRELAND, SOUTH ..	55	21	44·8	30·6	37·5	− 4·8	8	− 12	39	+21	3	− 1	0·39	10	− 10	4·9	+ 1·2	43	1010
11. CHANNEL ISLANDS[4]	51	30	48·2	37·1	42·5	− 1·8	17	− 7	14	+ 6	3	− 2	0·37	10	− 9	7·5	+ 3·6	66	1012
MEAN: DISTRICTS 1-10 ..	55	2	42·5	28·6	35·4	− 5·1	3	− 11	49	+24	3	− 2	0·31	8	− 9	5·0	+ 1·8	45	1011

THE YEAR. Aggregates, &c., for the Period of 10 Weeks, December 30th, 1923, to March 8th, 1924.

0. SCOTLAND, NORTH ..	55	12	43·2	35·0	39·1	+1·0	58	− 3	260	− 79	48	− 3	9·20	234	− 70	1·2	− 0·3	15	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	2	42·2	32·9	37·6	+0·2	48	− 18	357	− 32	40	− 1	4·01	103	− 40	1·8	− 0·3	21	1011
2. ENGLAND, N.E. ..	54	16	42·3	33·5	38·0	− 0·6	45	− 37	325	+ 7	32	− 6	3·35	86	− 15	1·9	− 0·2	21	1014
3. ENGLAND, EAST ..	52	18	42·3	33·6	38·0	− 0·6	44	− 52	322	− 15	36	− 3	4·06	103	+ 3	2·2	− 0·1	23	1015
4. MIDLAND COUNTIES	53	15	43·1	33·3	38·2	− 0·4	57	− 46	321	− 25	36	− 3	4·46	113	− 5	1·8	− 0·2	20	1015
5. ENGLAND, S.E. ..	52	17	44·1	34·9	39·6	− 0·3	83	− 37	255	− 13	33	− 5	3·98	102	− 26	2·5	+ 0·2	27	1016
Western.																			
6. SCOTLAND, WEST[1] ..	53	15	44·0	34·5	39·3	− 0·2	75	− 12	262	− 5	43	− 4	7·48	189	− 60	1·8	− 0·1	20	1013
7. ENGLAND, N.W.[2] ..	57	21	43·8	35·7	39·8	+0·1	71	− 24	228	− 31	39	− 2	4·82	122	− 43	2·0	0·0	23	1014
8. ENGLAND, S.W.[3] ..	55	14	45·3	36·3	40·8	− 0·3	110	− 35	192	− 16	38	− 4	6·91	175	− 23	2·4	+0·1	26	1015
9. IRELAND, NORTH ..	56	18	46·0	37·0	41·6	+0·8	134	+ 7	162	− 56	48	− 1	6·26	160	− 30	2·0	0·0	22	1012
10. IRELAND, SOUTH ..	57	21	47·4	37·9	42·7	+0·5	180	− 7	134	− 39	43	− 2	8·09	204	− 8	2·0	− 0·3	22	1013
11. CHANNEL ISLANDS[4]	53	30	47·9	40·9	44·5	+0·3	235	0	64	− 18	42	− 5	6·37	163	− 6	2·7	− 0·1	29	1015
MEAN: DISTRICTS 1-10 ..	57	2	44·1	35·0	39·6	− 0·1	85	− 26	256	− 23	39	− 3	5·34	136	− 25	2·0	− 0·1	23	1014
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F	Day-deg. F.	Day-deg. F	days.	days.		mm	mm	hr	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales)	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Very Deficient	Very Deficient	Very Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient
	Rainfall ..	Moderate	Very Light	Light	Moderate	Moderate	Moderate	Light	Moderate	Moderate	Light	Light	Moderate
	Sunshine ..	Moderate	Abundant	Moderate	Abundant	Abundant	Very Abundant	Abundant	Abundant	Abundant	Very Abundant	Abundant	Very Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 1 week from March 2nd, 1924	Warmth ..	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1
	Rainfall ..	0, 1, 0	0, 0, 1	0, 0, 1	0, 1, 0	0, 1, 0	0, 1, 0	0 0, 1	0, 1, 0	0 1, 0	0, 0, 1	0, 0, 1	0 1, 0
	Sunshine ..	0, 1, 0	1, 0, 0	0, 1, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over the British Isles generally was mainly fair. There were a few measurements of precipitation of between 10mm. and 20mm. in various parts of the country, but the total amount for the week was below the normal in most places. Among the largest amounts recorded were 20mm. at West Witton (N. Riding) on the 5th, while Stornoway measured 24mm. on the 7th and 21mm. on the 8th. Snow and hail fell in several places and in many parts of the country "snow lying" to a depth of several inches was again reported. The highest of the maximum temperatures occurred generally towards the end of the week and in places readings of about 50°F. or slightly above were recorded, the actual highest, 55°F., occurring at Killarney on the 8th. Very low night temperatures were recorded in various parts of our Islands, notably in Scotland, where at Balmoral on the morning of the 3rd an exceptionally low screen minimum reading of 2°F. was registered. Ground frosts occurred in all parts of the country and in a few places the readings of the grass thermometer were below 10°F., while at Balmoral on the 3rd the reading was as low as -2°F. The mean temperature for the week was considerably below the normal in all Districts, the average deficit being about 5°F. Good sunshine records were obtained during the week, a large number of stations recording between 9hrs. and 10hrs. on various days, especially in the middle and at the end of the period. The total amount for the week was in excess of the normal at practically all stations. Thunderstorms or thunder only occurred at one or two places in the south and south-east of England and at St. Leonards the thunder on the 2nd was followed by a heavy downfall of hail. Solar halos were observed at Armagh and at Rothesay (Bute) on the 6th, at Ross-on-Wye on the 8th, at Aberdeen on the 6th and 8th and at Oxford on the 2nd, 3rd, 5th and 8th. A lunar halo was seen at Oxford on the 8th. The Zodiacal Light was observed at Oxford on the 3rd, 4th, 6th and 8th and at Wadhurst (Sussex) on the 4th, 5th, 6th, 7th and 8th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.	Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
0. SCOTLAND, N.	Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm.	mm
Shetlands Lerwick ¶	54	t	43	7th	25	3rd	39·1	31·3	35·1	- 2·6	7	1·24	32	+11
Orkneys Deerness	160	p	43	7th	26	6th	38·9	29·6	34·1	- 4·1	4	0·35	9	- 10
Hebrides Stornoway ¶	51	t	46	8th	15	6th	38·6	27·3	32·8	- 6·0	7	2·97	75	+47
Castlebay	37	t	46	7, 8	31	2nd	41·4	35·4	38·3	—	5	0·38	10	—
Caithness Wick ... ¶	81	t	42	8th	17	3rd	37·0	26·7	31·7	- 6·5	3	0·17	4	- 11
Ross and Cromarty Strathpeffer ¶	125	a	46	8th	12	6th	40·4	23·0	31·4	- 6·7	3	0·19	5	- 13
Cromarty Achnashellach ¶	225	h	43	8th	12	6th	38·4	24·6	31·3	—	6	0·65	17	—
Inverness Inverness	242	h	44	8th	19	6th	39·1	28·3	33·5	—	2	0·09	2	—
Fort Augustus ¶	68	a	45	8th	13	6th	43·1	20·4	31·4	- 7·0	0	0·00	0	- 25
Onich ... ¶	48	h	46	8th	20	5th	42·0	27·0	34·3	—	1	0·05	1	—
1. SCOTLAND, E.													
Nairn Nairn ... ¶	82	t	44	8th	16	6th	38·0	26·7	32·2	- 6·4	3	0·10	3	- 9
Elgin Gordon Castle ¶	101	p	45	8th	20	6th	40·0	27·6	33·6	- 5·7	3	0·26	7	- 7
Aberdeen Aberdeen ... ¶	46	t	48	8th	21	3, 6	40·6	28·4	34·3	—	1	0·07	2	- 13
Balmoral ... ¶	930	a	42	8th	2	3rd	36·1	15·9	25·7	- 9·4	3	0·05	1	- 18
Perth Crieff ... ¶	478	p	45	8th	20	6th	41·4	25·6	33·3	- 5·8	1	0·01	0·3	- 21
Forfar Dundee	147	a	47	8th	23	3rd	42·7	27·4	34·8	—	0	0·00	0	—
Fife Inchkeith ... ¶	190	t	45	8th	27	3rd	40·4	31·4	35·8	—	0	0·00	0·1	—
Midlothian Edinburgh ...	441	p	46	8th	22	2nd	42·3	28·6	35·3	- 3·7	0	0·00	0	- 11
Peebles West Linton ¶	770	a	44	8th	12	2nd	40·1	19·9	29·7	- 6·4	0	0·00	0	—
Berwick Marchmont ¶	498	a	46	8th	16	2nd	42·0	24·7	33·1	- 5·0	0	0·00	0	- 16
6a. SCOTLAND, W.													
Argyle Ford ... ¶	149	a	46	8th	15	2nd	42·6	23·6	32·8	—	2	0·09	2	—
Renfrew Renfrew ... ¶	36	t	48	8th	15	2, 6	42·7	23·1	32·6	—	1	0·12	3	—
Bute Rothesay ... ¶	200	p	47	8th	25	2, 6	41·6	29·6	35·4	- 5·1	1	0·24	6	- 18
Ayr Kilmarnock ¶	90	a	49	8th	19	7th	43·7	26·4	34·8	- 4·5	1	0·01	0·3	- 19
Colmonell... ¶	170	a	47	8th	20	6th	42·3	25·9	33·9	- 6·0	1	0·05	1	- 22
Dumfries Dumfries ... ¶	140	p	45	7th	21	3rd	40·4	27·3	33·7	- 6·1	1	0·06	1	- 18
Eskdalemuir ...	794	t	41	8th	11	3rd	38·9	18·6	28·5	—	2	0·05	1	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr	hr.	%		°F	°F	°F.	°F	°F.
Lerwick ..	3·3	—	30	—	—	—	—	—	—
Deerness §	3·0	+0·2	27	—	—	—	—	—	—
Stornoway §	1·5	- 1·5	14	—	—	—	—	—	—
Castlebay ..	2·7	—	24	—	—	—	—	—	—
Achnashellach	—	—	—	6	10	—	—	—	—
Inverness §	3·2	—	29	6	13	—	—	—	—
Onich ...	3·6	—	32	5	12	—	—	—	—
Nairn §	2·4	—	22	—	—	—	—	—	—
Gordon Castle	3·0	—	27	—	—	—	—	—	—
Aberdeen §	4·5	+1·1	41	5	14	—	—	39·5	- 0·1
Balmoral	—	—	—	7	- 2	—	—	—	—
(Kincl.) Crathes§	4·7	+1·5	43	5	13	34·7	—	38·9	—
Dundee §	4·4	—	40	6	18	34·7	—	—	—
Inchkeith ...	4·7	—	42	—	—	—	—	—	—
Edinburgh §	5·5	+2·2	49	6	19	—	—	—	—
West Linton	—	—	—	7	9	—	—	—	—
Marchmont §	4·4	+1·3	39	—	—	—	—	—	—
Ford ..	—	—	—	6	—	35·7	—	39·1	—
Renfrew ..	4·0	—	36	6	7	—	—	—	—
Rothesay §	4·7	+1·6	42	6	19	34·9	—	40·4	- 1·3
Kilmarnock ..	4·2	—	37	—	—	35·3	—	41·0	—
Colmonell ..	—	—	—	7	14	—	—	—	—
Dumfries ..	3·9	—	35	7	10	35·1	- 3·9	39·8	- 0·8
Eskdalemuir §	3·9	+1·1	35	7	9	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F		in.	mm.	mm
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	44	7, 8	22	3rd	40·7	30·7	35·6	− 5·3	3	0·95	24	+ 4
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	47	8th	21	2, 4	42·6	23·6	32·8	− 5·2	0	0·00	0	− 15
	Tynemouth ¶	118	t	43	7th	24	3rd	40·7	28·1	34·2	− 5·4	1	0·04	1	− 10
Durham	Durham ... ¶	336	p	42	7th	18	3rd	39·3	22·7	30·8	− 8·1	1	0·02	1	− 10
York, N. Riding	Rounton ... ¶	249	p	42	3rd	20	3rd	39·6	23·4	31·3	− 7·4	2	0·42	11	− 1
	West Witton ...	605	a	45	8th	20	3rd	39·7	23·0	31·1	—	2	0·81	21	—
	Scarborough ¶	118	h	46	6th	27	3rd	42·6	29·7	36·0	− 4·5	2	0·70	18	+ 6
	York ... ¶	56	p	42	6, 7	16	3rd	39·7	24·9	32·1	− 8·2	2	0·15	4	− 7
E. Riding	Spurn Head ¶	26	t	42	6, 8	28	3, 8	38·7	31·1	34·8	− 5·2	2	0·05	1	− 8
Lincoln	Lincoln ... ¶	58	a	46	8th	23	3rd	41·9	27·7	34·6	− 5·6	3	0·16	4	− 6
	Cranwell ... ¶	236	t	46	8th	23	7th	41·7	27·0	34·1	− 6·0	2	0·08	2	− 9
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	48	8th	28	2, 7	42·1	29·3	35·5	− 4·5	4	0·40	10	+ 1
	Yarmouth ¶	13	t	44	5th	28	7th	42·0	31·1	36·4	− 3·2	2	0·29	7	− 4
	Norwich ... ¶	93	a	47	8th	23	7th	42·7	27·9	35·1	− 5·3	2	0·36	9	− 3
	Geldeston ... ¶	37	a	49	8th	22	7th	44·1	28·3	36·0	− 4·3	3	0·23	6	− 5
Cambridge	Cambridge ¶	41	p	49	8th	22	5th	44·4	27·3	35·6	− 4·9	1	0·41	10	+ 1
Hertford	Rothamsted ¶	420	a	47	8th	23	5th	42·0	28·3	35·0	− 4·8	3	0·19	5	− 8
Middlesex	Tottenham ¶	51	p	49	8th	27	5th	45·0	31·4	38·0	—	2	0·21	5	—
Essex	Clacton-on-Sea ¶	55	t	45	4th	29	5th	42·7	33·3	37·9	− 2·0	4	0·56	14	+ 5
	Southend	90	h	47	6, 8	29	5th	44·9	32·0	38·3	—	3	0·17	4	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	43	7, 8	20	3rd	39·6	24·7	31·9	− 6·8	2	0·58	15	0
	Sheffield	429	p	43	8th	26	2, 3	40·1	27·9	33·8	—	2	0·20	5	− 11
Derby	Buxton	987	p	40	8th	22	7th	37·4	24·9	31·0	− 6·0	3	0·27	7	− 20
Nottingham	Worksop(Hods'ck)¶	56	a	45	4th	19	3rd	43·0	25·1	33·8	− 6·5	2	0·29	7	− 4
	Nottingham ¶	82	t	47	8th	26	3, 5, 7	42·0	27·3	34·4	− 5·6	3	0·43	11	+ 1
Warwick	Birmingham (Edg)¶	525	t	45	8th	25	3rd	40·1	28·6	34·2	− 5·6	3	0·19	5	− 7
Northampton	Oundle ... ¶	147	a	47	8th	21	2nd	42·0	26·0	33·8	—	3	0·38	10	—
Oxford	Oxford ... ¶	208	p	50	8th	25	5th	44·7	29·3	36·8	− 3·9	3	0·31	8	− 3
Stafford	Cheadle ... ¶	646	a	41	3, 6, 8	23	5th	39·3	26·9	32·9	− 5·9	3	0·38	10	− 5
Worcester	Tenbury ... ¶	313	p	44	5th	22	5th	40·9	26·1	33·3	− 7·1	3	0·45	11	+ 1
	Malvern	377	h	45	5, 8	27	3rd	42·0	29·7	35·7	—	3	0·35	9	—
Hereford	Hereford ... ¶	291	a	44	8th	20	3rd	41·1	25·3	33·0	− 7·7	4	0·66	17	+ 4
Gloucester	Clifton ... ¶	225	a	47	8th	24	3rd	41·7	30·6	36·0	− 5·3	4	0·48	12	− 4
5. ENGLAND, S.E.															
London	Westminster ...	27	a	50	8th	26	5th	45·9	31·6	38·5	− 3·3	3	0·27	7	− 4
	Greenwich ‡ ...	149	a	51	8th	25	5th	46·9	30·6	38·5	− 2·5	3	0·21	5	− 7
	Hampstead ...	450	a	47	8th	27	8th	43·1	30·3	36·5	—	3	0·44	11	—
	Camden Square ...	110	a	49	8th	27	5th	45·6	31·1	38·1	− 3·3	3	0·29	7	− 5
Surrey	Richmond (Kew O)¶	18	t	49	8th	26	5th	45·3	31·8	38·4	− 2·7	4	0·40	10	− 2
	Wisley ... ¶	150	a	49	5, 8	23	5th	46·0	30·3	37·9	− 2·6	3	0·25	6	− 7
Kent	Tunbridge Wells ¶	354	h	48	5, 6	26	5th	46·1	30·1	37·9	− 2·3	3	0·40	10	− 5
	Margate ... ¶	51	h	47	5, 8	30	8th	44·4	32·7	38·4	− 2·8	2	0·35	9	− 2
	Dungeness ¶	21	t	47	5th	27	5th	44·3	33·4	38·7	− 1·8	3	0·47	12	0
Sussex	St. Leonards ¶	178	h	46	5th	32	2, 5	44·1	33·3	38·5	− 2·6	4	0·46	12	− 3
	Worthing... ...	36	h	50	5th	26	5th	46·5	32·0	39·0	—	3	0·39	10	—
I. of Wight	Ventnor ... ¶	59	a	49	6th	31	5th	46·7	34·3	40·3	− 2·5	3	0·45	11	− 3
Hampshire	Southampton ¶	64	p	48	4, 5	25	5th	45·6	29·6	37·4	− 4·9	3	0·31	8	− 8
Wiltshire	Marlborough ¶	424	a	47	8th	22	5th	44·0	27·4	35·5	− 3·9	3	0·32	8	− 9
	Porton ... ¶	363	a	48	8th	22	5th	44·4	27·4	35·7	—	4	0·31	8	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	45	8th	22	3rd	39·7	27·1	33·2	− 6·0	1	0·03	1	− 20
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	41	7th	21	3rd	38·3	26·6	32·3	− 6·9	4	0·47	12	− 12
	Blackpool... ¶	66	h	46	7th	24	3rd	41·7	28·1	34·7	− 5·3	4	0·59	15	0
	Southport ¶	37	h	47	7th	26	3rd	42·1	28·9	35·3	− 5·0	3	0·30	7	− 8
Manchester	Whitworth Pk. ¶	125	p	44	8th	22	3rd	41·1	28·0	34·4	− 6·6	4	0·37	9	− 5
Cheshire	Liverp'l (Bidston)¶	189	a	44	7, 8	28	2nd	41·6	29·9	35·6	− 5·2	3	0·31	8	− 4
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	47	8th	28	2, 3	43·1	30·3	36·5	− 5·0	3	0·19	5	− 5
Carnarvon	Llandudno ¶	22	h	50	8th	27	3rd	43·3	30·7	36·8	− 5·1	4	0·37	9	− 5
Anglesey	Holyhead ... ¶	26	t	46	7, 8	32	2, 3	42·6	35·0	38·7	− 2·9	4	0·57	15	− 2
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	50	7, 8	24	3rd	43·3	30·9	36·9	—	3	0·82	21	—
Pembroke	St. Ann's Hd. ¶	150	t	46	7, 8	31	3rd	43·4	35·7	39·4	− 2·4	4	0·46	12	− 6
Radnor	Rhayader... ¶	757	a	43	8th	15	3, 4, 5	38·4	22·9	30·4	—	4	1·08	27	—
Glamorgan	Cardiff ... ¶	202	p	49	8th	25	3rd	43·7	29·4	36·3	− 4·3	4	0·56	14	− 8
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	50	8th	25	3rd	45·1	29·6	37·1	− 3·8	3	0·40	10	− 5
Dorset	Shaftesbury ¶	722	a	45	4, 6, 8	25	3rd	43·4	29·9	36·5	− 2·9	1	0·16	4	− 12
	Portland Bill ¶	19	t	47	6th	35	2nd	44·9	38·1	41·4	− 0·8	3	0·31	8	− 5
Devon	Arlington ... ¶	613	a	49	8th	25	3rd	43·0	31·0	36·8	− 3·2	3	0·62	16	− 12
	Cullompton ¶	202	a	49	7, 8	24	3rd	46·0	28·1	36·8	− 4·4	3	0·71	18	− 1
	Plymouth... ¶	116	p	51	7th	29	4th	47·4	33·9	40·5	− 2·2	5	0·32	8	− 12
Cornwall	Newquay	190	h	50	5th	32	3, 5	46·1	35·1	40·4	− 2·7	4	0·48	12	− 5
	Falmouth... ¶	167	h	50	7, 8	30	3rd	46·7	35·6	41·0	− 2·1	3	0·47	12	− 13
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	48	8th	23	2nd	41·6	30·4	35·8	− 4·9	2	0·17	4	− 10
Mayo	Blacksod Point ¶	10	t	49	8th	25	2, 4	42·9	31·0	36·8	− 5·3	4	0·45	11	− 14
	Mallaranny ...	120	a	53	8th	26	2nd	43·9	31·9	37·7	—	4	0·89	23	—
Sligo	Markree Castle ¶	122	p	51	8th	20	6th	43·3	27·3	35·1	− 5·3	3	0·42	11	− 10
Armagh	Armagh ... ¶	204	p	50	8th	19	3rd	42·4	26·1	34·0	− 6·4	3	0·14	3	− 11
Down	Donaghadee ¶	35	t	46	8th	18	3rd	40·6	28·7	34·5	− 6·4	2	0·39	10	− 4
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	49	8th	26	3rd	42·6	30·4	36·3	− 6·1	2	0·23	6	− 6
King's County	Birr Castle ¶	175	t	51	8th	21	6th	44·4	28·1	36·0	− 4·6	3	0·24	6	− 9
Kilkenny	Kilkenny ... ¶	195	a	50	8th	22	3rd	44·3	27·1	35·5	− 5·6	2	0·27	7	− 8
Waterford	Waterford ¶	137	a	50	8th	25	2, 3	44·4	29·4	36·7	− 5·3	2	0·33	8	− 9
	Seskin, Carrick-on-Suir	542	p	49	7, 8	23	2nd	44·3	29·6	36·7	—	2	0·16	4	—
Limerick	Foynes ... ¶	50	a	51	8th	25	2, 3	44·4	29·7	36·8	− 5·6	4	0·86	22	+ 3
Kerry	Cahirciveen ¶	30	t	51	8th	26	2nd	45·6	34·4	39·8	− 4·0	4	0·53	13	− 16
	Killarney ... ¶	174	a	55	8th	23	2nd	48·2	30·6	39·1	− 3·7	5	0·44	11	− 19
Cork	Roche's Point ¶	32	t	49	7th	29	2, 3	44·4	35·3	39·7	− 3·4	4	0·20	5	− 14
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	51	7th	33	3rd	47·7	38·0	42·7	− 2·3	4	0·35	9	− 9
Guernsey	Grange ... ¶	173	p	50	5, 7, 8	30	5th	48·4	36·7	42·4	− 1·8	3	0·38	10	− 8
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	5·0	+1·2	45	6	17	—	—	—	—
Cockle Park §	4·5	+0·9	40	7	11	33·0	− 4·2	36·9	− 2·7
Tynemouth ..	—	—	—	7	18	—	—	—	—
Durham §	4·1	+0·9	36	7	9	—	—	—	—
Rounton ..	—	—	—	7	9	34·1	—	—	—
West Witton	—	—	—	7	13	33·5	—	38·3	—
Scarborough ‡§	4·7	+1·4	42	6	19	—	—	38·8	—
York §	3·5	+0·7	32	—	—	35·6	− 3·9	40·0	− 1·2
Spurn Head ..	4·3	—	39	—	—	—	—	—	—
Lincoln ..	—	—	—	6	23	34·2	− 4·4	39·5	− 1·3
Cranwell §	4·3	+0·8	38	7	16	—	—	—	—
Skegness §	4·2	+0·5	38	—	—	—	—	—	—
Cromer §	5·0	+1·4	44	—	—	—	—	—	—
Yarmouth §	6·0	—	53	7	26	36·6	− 4·2	39·9	− 3·3
Norwich ..	6·1	—	54	7	18	33·8	—	—	—
Geldeston §	5·4	+2·0	48	—	—	—	—	—	—
Cambridge §	4·9	+1·6	44	7	18	36·4	− 4·3	40·2	− 2·4
Rothamsted §	6·1	+2·9	54	7	16	34·9	—	—	—
Tottenham §	—	—	—	—	—	—	—	—	—
Clacton-on-Sea §	6·9	+3·2	61	5	22	37·5	− 3·9	40·6	− 3·0
Southend ..	6·4	—	56	4	25	37·6	—	—	—
Harrogate §	4·5	+1·2	40	7	8	35·2	− 3·4	38·4	− 1·6
Sheffield §	4·4	+1·6	40	7	19	34·1	− 4·4	38·6	− 2·0
Buxton ...	3·7	—	33	7	20	33·7	− 3·9	38·6	− 1·6
Worksop §	4·0	+1·3	36	7	17	35·2	—	39·3	—
Nottingham §	3·7	+0·8	32	6	23	33·8	− 4·8	37·3	− 2·3
Birmingham §	3·1	+0·8	27	6	18	35·5	− 4·3	42·0	− 1·2
Oundle ...	4·1	—	36	7	12	35·3	—	40·1	—
Oxford §	5·3	+2·3	47	7	17	—	—	—	—
Cheadle ...	—	—	—	7	13	—	—	—	—
Tenbury ...	—	—	—	6	17	36·7	—	—	—
Malvern... ...	4·0	—	35	6	20	35·2	—	39·0	—
Ross on Wye §	4·2	—	37	6	13	36·0	—	40·2	—
Clifton §	4·1	—	36	7	26	—	—	—	—
Westminster	5·1	+3·2	45	6	19	—	—	—	—
Greenwich ..	5·7	+2·9	50	7	15	—	—	—	—
Hampstead ..	4·3	—	38	7	15	—	—	—	—
Camden Square	—	—	—	6	23	36·2	—	40·7	—
Richmond § (Kew Obs.)	5·4	+2·6	48	6	15	36·7	− 4·1	41·2	− 1·9
Wisley §	5·8	+2·7	51	7	11	37·4	− 3·4	40·5	− 2·1
Tunbridge W'ls§	6·9	+3·5	61	7	13	38·7	—	41·2	—
Margate §	7·2	+3·9	64	3	26	37·5	− 4·3	41·0	− 2·2
Folkestone §	6·8	—	60	4	28	—	—	43·5	—
St. Leonards §	7·6	+3·9	67	5	24	38·4	—	41·8	—
Worthing §	7·3	+3·5	65	6	19	38·5	− 3·6	42·1	− 1·8
Ventnor §	7·4	+3·5	66	—	—	—	—	—	—
Southampton §	6·4	+3·0	57	6	23	—	—	—	—
Marlborough §	5·1	+2·3	45	—	—	37·3	—	42·0	—
Porton	5·8	—	51	7	16	36·2	—	—	—
Aspatria §	5·0	+1·9	45	7	18	35·5	− 4·4	40·3	− 1·8
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	4·4	+1·6	39	7	12	—	—	—	—
Blackpool §	4·6	+1·2	41	7	14	37·0	—	42·1	—
Southport §	4·6	+1·3	41	7	19	34·8	− 4·6	39·0	− 1·8
Whitworth Pk.	3·6	+1·6	32	—	—	—	—	—	—
Oldham Road	3·0	+1·0	27	5	22	34·1	− 4·7	40·7	− 1·4
Bidston ..	3·8	—	34	7	25	—	—	—	—
(Ches.)Hoylake§	4·8	+1·7	43	—	—	—	—	—	—
Llandudno §	5·3	+2·0	47	—	—	—	—	—	—
Holyhead ..	5·9	—	52	4	23	—	—	—	—
Aberystwyth§	5·4	+2·2	48	—	—	—	—	—	—
St. Ann's Hd.§	5·4	+1·8	48	—	—	—	—	—	—
Rhayader §	4·1	—	36	6	9	—	—	—	—
Cardiff ...	4·2	—	37	5	18	35·9	− 5·2	41·3	− 1·8
Bath .. §	4·7	+1·3	42	—	—	37·6	—	42·0	—
Shaftesbury ..	—	—	—	—	—	—	—	41·3	—
Weymouth ..	7·4	—	66	—	—	—	—	—	—
Cullompton §	5·2	+2·0	46	7	17	39·0	—	—	—
Plymouth §	6·3	+2·6	56	3	23	39·1	− 4·0	43·4	—
Newquay §	6·3	+2·5	55	—	—	41·0	—	44·5	—
Falmouth §	6·1	+2·3	54	4	21	40·6	—	44·4	—
Malin Head ..	4·7	—	43	—	—	—	—	—	—
Mallaranny ..	5·8	—	52	—	—	—	—	—	—
Markree Castle §	—	—	—	6	16	38·6	− 3·5	43·4	− 0·2
Armagh §	5·2	+2·1	46	7	11	37·7	− 3·2	42·3	− 0·7
Trinity Coll.	—	—	—	7	18	38·8	− 3·5	43·0	− 1·1
Phœnix Park §	4·5	+0·7	40	7	14	—	—	—	—
Dublin City .	—	—	—	7	20	—	—	—	—
Birr Castle §	5·7	+2·3	50	7	12	—	—	—	—
Seskin ..	5·1	—	45	4	23	—	—	—	—
Cahirciveen (Valencia O.)§	4·7	+1·0	42	4	21	—	—	—	—
Ballinacurra §	4·7	+0·4	41	—	—	—	—	—	—
St. Mary's §	5·7	+2·0	51	—	—	—	—	—	—
Grange §	8·4	+4·5	74	3	24	40·8	− 3·5	44·0	− 1·6
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, March 8th, 1924.

District. County & Station.	Height: Above Mean Sea Level	Height: Above Ground	Height: Above Building.	Distribution of Wind. ‡‡: More than 38 m.p.h. Dates of Occurrence	More than 38 m.p.h. Duration	25 to 38 m.p.h. Dates of Occurrence	25 to 38 m.p.h. Duration	13 to 24 m.p.h. Duration	4 to 12 m.p.h. Duration	Less than 4 m.p.h. Duration	No Record Duration	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed	Highest Gust. Time
	ft.	ft.	ft.		hr.		hr.	hr.	hr	hr.	hr.	°	m.p.h	m/s.	m.p.h	m/s.	d. h. m.
0. SCOTLAND, N.																	
Shetlands Lerwick ...	310	42	‡	7	11	4 to 8	35	25	44	50	3	210	44	20	60	27	7 7 15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	1, 4 to 7	32	37	41	58	0	350	26	12	—	—	— — —
1. SCOTLAND, E.																	
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	73	70	25	0	210	21	9	36	16	5 2 0
Edinburgh Edinburgh ...	485	39	31	—	0	6	1	56	83	22	0	200	27	12	37	17	7 12 20
6a. SCOTLAND, W.																	
Renfrew Paisley ...	188	81	15	—	0	—	0	2	99	67	0	190	13	6	36	16	7 7 40
Dumfries Eskdalemuir ...	825	50	22	—	0	7	2	35	61	40	30	210	26	11	38	17	7 12 0
2. ENGLAND, N.E.																	
Durham South Shields...	72	61	12	—	0	—	0	16	129	23	0	190	18	8	28	13	7 12 50
York, E.R. Spurn Head ...	67	41	‡	—	0	2	1	73	81	13	0	260	26	12	38	17	2 11 55
Lincoln Cranwell ...	280	43	31	—	0	—	0	27	(107)	(34)	0	230	20	9	25	11	2 12 30
3. ENGLAND, E																	
Norfolk Gorleston ...	52	42	‡	—	0	—	0	37	107	24	0	230	19	9	32	14	2 13 30
Essex Shoeburyness...	103	90	‡	—	0	3	1	54	94	19	0	210	25	11	43	19	3 6 25
5. ENGLAND, S.E																	
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	4	122	42	0	250	14	6	30	13	2 15 40
Kent Lympne ...	409	70	‡	—	0	3	4	44	111	9	0	200	34	15	52	23	3 3 25
Surrey Croydon ...	284	40	24	—	0	—	0	11	137	20	0	250	17	8	31	14	2 9 50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	16	139	13	0	290	19	9	28	13	3 21 50
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	66	85	16	1	250	23	10	33	15	2 9 15
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	—	0	70	(98)	(0)	0	180 / 170	20	9	28	13	2 16 25
7a. ENGLAND, N.W.																	
Lancashire Fleetwood ...	112	50	12	—	0	4, 5	2	51	89	26	0	280	25	11	33	15	4 10 0
Lancashire Southport ...	80	42	48	—	0	4	3	58	88	19	0	270	26	12	35	16	4 10 0
7b. NORTH WALES.																	
Anglesey Holyhead ...	64	45	‡	—	0	2, 4, 5	5	73	87	3	0	20 / 10	28	13	37	17	5 20 55
8b. ENGLAND, S.W																	
Devon Plymouth ...	185	88	2	—	0	2, 5, 8	73	71	14	10	0	—	28	13	43	19	2 22 40
Cornwall Pendennis Castle§ ..	256	65	24	—	0	2, 3, 5	12	88	49	19	0	270	32	14	62	28	2 20 10
10. IRELAND, S																	
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	4, 5	9	61	85	13	0	10	34	15	—	—	— — —
Clare Quilty.. ...	100	40	‡	—	—	—	—	—	—		—	—	—	—	—	—	— — —
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	5	1	82	65	20	0	350	28	13	45	20	5 7 5
Cork Weaver Pt. ...	160	30	‡	—	0	5	4	80	78	6	0	—	30	13	44	20	5 12 25
11a. SCILLY ISLES.																	
Scilly St. Mary's	150	32	‡	2	4	2, 3, 5, 8	35	94	32	3	0	300	52	23	71	32	2 17 40

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W Cahirciveen Frequency.	Mean Value m.p.h	Mean Value m/s
South	7	20	9·1	14	9	3·8	20	8	3·6	16	6	2·9	20	9	4·0	14	10	4·6	19	8	3·4	15	9	4·1
North	12	9	4·2	7	4	1·6	4	7	3·3	3	3	1·4	6	10	4·4	7	13	5·6	5	13	5·6	11	8	3·5
West	12	7	3·2	24	8	3·5	12	6	2·9	10	6	2·5	11	10	4·6	11	18	8·0	17	11	4·7	11	8	3·4
East	3	5	2·4	0	—	—	6	3	1·3	9	4	1·9	12	6	2·5	11	14	6·1	5	4	1·6	14	6	2·8
Calm (or wind-speed < 4 m.p.h.)	9	—	—	2	—	—	4	—	—	7	—	—	0	—	—	3	—	—	1	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY. LONDON G. C SIMPSON, F.R.S., Director. 13th March 1924.

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

METEOROLOGICAL OFFICE LIBRARY 25 MAR 1924

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First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

ELEVENTH WEEK of 1924—March 9th to March 15th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	60	26	49·2	37·0	43·0	+ 3·9	21	+13	14	- 16	2	- 3	0·26	7	- 19	2·6	- 0·3	22	1020
Eastern.																			
1. SCOTLAND, EAST ..	60	22	49·8	32·9	41·1	+ 1·9	22	+11	28	- 5	1	- 3	0·03	1	- 13	3·4	- 0·2	29	1022
2. ENGLAND, N.E. ..	57	22	50·6	30·5	40·2	- 0·7	24	+ 7	37	+12	0	- 4	0·00	0	- 9	7·5	+3·5	64	1025
3. ENGLAND, EAST ..	58	20	49·9	30·7	40·1	- 1·0	22	+ 2	35	+ 9	0	- 3	0·00	0	- 8	9·0	+5·2	76	1026
4. MIDLAND COUNTIES	60	20	54·8	26·7	40·3	- 1·0	36	+15	48	+22	0	- 3	0·00	0	- 9	8·2	+4·7	69	1025
5. ENGLAND, S.E. ..	60	20	51·3	32·3	41·6	- 0·6	26	+ 5	29	+10	0	- 3	0·00	0	- 10	9·4	+5·6	80	1025
Western.																			
6. SCOTLAND, WEST[1] ..	60	25	52·4	34·7	43·8	+2·5	30	+17	20	- 3	0	- 4	0·00	0	- 19	5·8	+2·3	49	1023
7. ENGLAND, N.W.[2] ..	60	22	54·3	34·3	44·0	+2·5	36	+20	22	+ 2	0	- 4	0·00	0	- 13	7·9	+4·5	68	1022
8. ENGLAND, S.W.[3] ..	61	22	53·0	35·3	43·9	+1·2	32	+11	19	+ 2	0	- 4	0·00	0	- 14	9·4	+5·6	79	1021
9. IRELAND, NORTH ..	62	27	53·1	38·3	45·5	+3·5	35	+17	10	- 8	1	- 4	0·03	1	- 14	4·6	+1·5	39	1019
10. IRELAND, SOUTH ..	63	29	52·7	40·4	46·4	+2·8	35	+10	4	- 10	1	- 3	0·11	3	- 12	5·5	+2·2	47	1017
11. CHANNEL ISLANDS[4]	56	38	51·7	41·4	46·4	+1·0	32	+ 2	2	- 4	0	- 4	0·00	0	- 11	9·6	+4·7	82	1019
MEAN: DISTRICTS 1-10	63	20	52·2	33·6	42·6	+1·1	30	+11	25	+ 3	0	- 3	0·02	1	- 12	7·1	+3·5	60	1023

THE SEASON (Spring).—Aggregates, &c., for the Period of 2 Weeks, March 2nd to March 15th, 1924.

0. SCOTLAND, NORTH ..	60	12	44·5	31·4	37·8	- 0·9	21	+ 6	80	+17	6	- 4	1·01	26	- 29	2·6	- 0·2	23	1013
Eastern.																			
1. SCOTLAND, EAST ..	60	2	44·8	28·9	36·7	- 2·1	22	+ 2	97	+28	2	- 7	0·09	3	- 27	3·8	+ 0·5	34	1015
2. ENGLAND, N.E. ..	57	16	45·7	28·5	36·8	- 3·5	24	- 5	97	+42	2	- 6	0·18	5	- 16	5·8	+ 2·1	51	1018
3. ENGLAND, EAST ..	58	20	46·5	30·1	38·1	- 2·5	25	- 10	79	+25	3	- 4	0·33	8	- 11	7·4	+ 3·8	64	1019
4. MIDLAND COUNTIES	60	19	48·1	26·9	37·1	- 3·5	36	0	104	+48	3	- 4	0·42	11	- 10	6·2	+ 3·0	53	1019
5. ENGLAND, S.E. ..	60	20	48·2	31·7	39·7	- 2·0	35	- 2	66	+24	3	- 4	0·37	9	- 15	8·0	+ 4·4	69	1019
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	47·2	30·7	38·7	- 1·7	30	+ 7	75	+27	1	- 8	0·21	5	- 38	5·2	+ 1·9	45	1017
7. ENGLAND, N.W.[2] ..	60	21	47·9	31·9	39·7	- 1·2	36	+ 9	69	+26	3	- 5	0·35	9	- 21	6·4	+ 3·2	56	1016
8. ENGLAND, S.W.[3] ..	61	15	48·6	33·3	40·7	- 1·4	38	0	56	+19	3	- 5	0·51	13	- 22	7·4	+ 3·8	64	1016
9. IRELAND, NORTH ..	62	18	47·8	33·5	40·5	- 1·0	36	+ 3	58	+18	4	- 6	0·33	9	- 24	5·1	+ 2·0	44	1014
10. IRELAND, SOUTH ..	63	21	48·7	35·5	41·9	- 1·0	43	- 2	43	+11	4	- 4	0·50	13	- 22	5·2	+ 1·7	45	1013
11. CHANNEL ISLANDS[4]	56	30	49·9	39·3	44·5	- 0·4	49	- 5	16	+ 2	3	- 6	0·37	10	- 20	8·6	+ 4·2	74	1015
MEAN: DISTRICTS 1-10 ..	63	2	47·3	31·1	39·0	- 2·0	33	0	74	+27	3	- 5	0·33	9	- 21	6·1	+ 2·6	53	1017

THE YEAR. Aggregates, &c., for the Period of 11 Weeks, December 30th, 1923, to March 15th, 1924.

0. SCOTLAND, NORTH ..	60	12	43·7	35·2	39·5	+1·3	79	+10	274	- 95	50	- 6	9·46	241	- 89	1·4	- 0·3	15	1010
Eastern.																			
1. SCOTLAND, EAST ..	60	2	42·9	32·9	37·9	+0·3	70	- 7	385	- 37	41	- 4	4·04	104	- 53	2·0	- 0·2	22	1012
2. ENGLAND, N.E. ..	57	16	43·1	33·2	38·2	- 0·6	69	- 30	362	+19	32	- 10	3·35	86	- 24	2·4	+ 0·1	26	1015
3. ENGLAND, EAST ..	58	18	43·0	33·4	38·2	- 0·6	66	- 50	357	- 6	36	- 6	4·06	103	- 5	2·8	+ 0·3	29	1016
4. MIDLAND COUNTIES	60	15	44·1	32·7	38·4	- 0·4	93	- 31	369	- 3	36	- 6	4·46	113	- 14	2·4	+ 0·2	25	1016
5. ENGLAND, S.E. ..	60	17	44·8	34·7	39·8	- 0·3	109	- 32	284	- 3	33	- 8	3·98	102	- 36	3·1	+ 0·7	33	1016
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	44·8	34·6	39·7	+0·1	105	+ 5	282	- 8	43	- 8	7·48	189	- 79	2·2	+ 0·1	23	1014
7. ENGLAND, N.W.[2] ..	60	21	44·8	35·5	40·2	+0·4	107	- 4	250	- 29	39	- 6	4·82	122	- 56	2·6	+ 0·5	28	1015
8. ENGLAND, S.W.[3] ..	61	14	46·0	36·2	41·1	- 0·2	142	- 24	211	- 14	38	- 8	6·91	175	- 37	3·0	+ 0·6	32	1015
9. IRELAND, NORTH ..	62	18	46·7	37·1	41·9	+1·1	169	+24	172	- 64	49	- 5	6·29	161	- 44	2·2	+ 0·1	24	1013
10. IRELAND, SOUTH ..	63	21	47·9	38·1	43·0	+0·7	215	+ 3	138	- 49	44	- 5	8·20	207	- 20	2·3	- 0·1	24	1014
11. CHANNEL ISLANDS[4]	56	30	48·3	40·9	44·6	+0·3	267	+ 2	66	- 22	42	- 9	6·37	163	- 17	3·4	+ 0·4	35	1016
MEAN: DISTRICTS 1-10 ..	63	2	44·8	34·8	39·8	+0·1	115	- 15	281	- 19	39	- 7	5·36	136	- 37	2·5	+ 0·2	27	1015
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual." &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Unusual	Unusual	Moderate	Unusual	Unusual	Moderate
	Rainfall ..	Very Light	Very Light	Nought	Nought	Nought	Nought	Nought	Nought	Nought	Very Light	Light	Nought
	Sunshine ..	Moderate	Moderate	Abundant	Very Abundant	Very Abundant	Very Abundant	Very Abundant	Very Abundant	Very Abundant	Abundant	Abundant	Very Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 2 weeks from March 2nd, 1924	Warmth ..	1, 0, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	1, 0, 1	1, 0, 1	0, 1, 1	1, 0, 1	1, 0, 1	0, 1, 1
	Rainfall ..	0, 1, 1	0, 0, 2	0, 0, 2	0, 1, 1	0, 1, 1	0, 1, 1	0, 0, 2	0, 1, 1	0, 1, 1	0, 0, 2	0, 0, 2	0, 1, 1
	Sunshine ..	0, 2, 0	1, 1, 0	1, 1, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Pressure conditions over the British Isles during the week were anticyclonic and the weather was fine and dry, with abundant sunshine. There were a few measurements of rain in Scotland and Ireland, but over England the week was rainless. "Snow lying" was recorded at one or two of our northern stations. The mean temperature for the week was above the normal in the northern and western parts of the country but in most eastern Districts it was below normal. The day temperatures were fairly high for the time of year, but the nights were decidedly cold. Maximum readings round about 60°F. were registered in places, the highest, 63°F., occurring at Killarney on the 15th. Screen minima below 25°F. were registered on various dates in many parts of our Islands, and at a few stations readings of 20°F. were recorded. Ground frosts were general, and in some parts grass temperatures were very low, the lowest, 10°F., occurring in London (Greenwich) on the morning of the 10th. The mean daily range of temperature varied a good deal. At one or two places, notably in Scotland and Ireland, the range of temperature was only about 3°F. or 4°F., while in some parts of England it was as much as 30°F. At a number of stations in England sunshine values of 10hrs. or slightly above were registered on several days. The total amount for the week in many parts of the country was considerably more than 200 per cent. of the normal, while at a few places, including London (Westminster), it was as much as 300 per cent. The departure of the mean daily duration of sunshine from the normal for the week ranged from +6·1 hrs. at Aberystwyth to –0·8 hr. at Stornoway. An aurora was observed at Southport on the 10th. Solar and lunar halos were seen in many parts of our Islands towards the end of the week. A parhelion was seen at Oxford on the 15th. Sun pillars were observed at sunrise at Markree Castle (Sligo), and in London and the eastern and south-eastern parts of England at about sunset on the 13th; at Oxford and Ross-on-Wye at about sunset on the 14th and at Newquay between 18h. 15m. and 18h. 45m. on the 15th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.	Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
		Ft.		°F		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F	°F.	°F.	°F.	°F.
0. SCOTLAND, N.																									
Shetlands	Lerwick ¶	54	‡	50	14th	36	10th	43·9	39·1	41·4	+3·0	3	0·87	22	+ 3	Lerwick ..	3·2	—	27	—	—	—	—	—	—
Orkneys	Deerness	160	♦	48	14, 15	34	9th	46·0	38·0	41·9	+2·9	2	0·11	3	- 14	Deerness §	2·7	- 0·4	23	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	‡	53	13th	36	11th	49·0	40·6	44·7	+5·1	4	0·40	10	- 14	Stornoway §	2·4	- 0·8	21	—	—	—	—	—	—
	Castlebay	37	‡	49	10, 12	43	10th	47·7	41·3	46·0	—	2	0·06	1	—	Castlebay ..	3·2	—	27	—	—	—	—	—	—
Caithness	Wick ... ¶	81	‡	51	14th	39	9, 12, 15	45·7	39·4	42·5	+3·4	2	0·24	6	- 8										
Ross and Cromarty	Strathpeffer ¶	125	a	55	12th	28	10, 12	49·9	32·4	40·9	+1·8	3	0·10	3	- 13										
	Achnashellach ¶	225	h	60	11, 13	31	11th	52·4	36·4	44·2	—	3	0·11	3	—	Achnashellach	—	—	—	4	24	—	—	—	—
Inverness	Inverness	242	h	56	13th	26	11th	50·3	37·1	43·5	—	2	0·04	1	—	Inverness §	2·6	—	22	2	25	—	—	—	—
	Fort Augustus ¶	68	a	59	13th	26	11th	51·7	35·3	43·3	+3·9	1	0·06	2	- 20										
	Onich ... ¶	48	h	56	10, 12	32	9th	52·0	36·1	43·8	—	1	0·01	0·3	—	Onich ...	4·3	—	37	5	20	—	—	—	—
1. SCOTLAND, E.																									
Nairn	Nairn ... ¶	82	‡	54	12, 14	31	11th	49·4	36·9	43·0	+3·7	4	0·10	3	- 8	Nairn §	2·6	—	22	—	—	—	—	—	—
Elgin	Gordon Castle ¶	101	♦	60	13th	33	14th	52·6	36·3	44·2	+4·3	2	0·06	2	- 11	Gordon Castle	3·9	—	33	—	—	—	—	—	—
Aberdeen	Aberdeen ... ¶	46	‡	52	14th	33	9th	47·3	37·6	42·3	—	3	0·06	1	- 13	Aberdeen §	3·1	- 0·7	27	1	27	—	—	39·0	- 0·8
	Balmoral ... ¶	930	a	52	11, 13	25	11, 12, 14	48·3	29·3	38·5	+2·7	1	0·05	1	- 16	Balmoral	—	—	—	6	21	—	—	—	—
Perth	Crieff ... ¶	478	♦	51	14th	24	12, 13	47·6	31·0	39·1	- 0·8	1	0·01	0·3	- 18	(Kinc). Crathes§	3·4	- 0·2	29	4	25	36·7	—	38·6	—
Forfar	Dundee	147	a	51	10th	26	12, 13	47·6	31·7	39·4	—	1	0·03	1	—	Dundee §	2·0	—	17	4	23	—	—	—	—
Fife	Inchkeith ... ¶	190	‡	50	13th	33	11th	45·9	36·6	41·1	—	0	0·00	0	—	Inchkeith ...	4·4	—	38	—	—	—	—	—	—
Midlothian	Edinburgh ...	441	♦	60	13th	34	10, 11	51·4	35·9	43·4	+3·7	0	0·00	0·1	- 10	Edinburgh §	4·5	+0·7	38	6	23	—	—	—	—
Peebles	West Linton ¶	770	a	59	11th	22	12th	54·4	26·3	39·9	+3·2	0	0·00	0	—	West Linton	—	—	—	7	16	—	—	—	—
Berwick	Marchmont ¶	498	a	58	12th	22	11th	53·1	29·4	40·9	+2·1	0	0·00	0	- 15	Marchmont §	4·6	+1·1	39	—	—	—	—	—	—
6a. SCOTLAND, W.																									
Argyle	Ford ... ¶	149	a	54	10th	30	15th	50·6	34·7	42·4	—	1	0·05	1	—	Ford ..	—	—	—	6	23	37·8	—	39·4	—
Renfrew	Renfrew ... ¶	36	‡	59	13th	25	12th	53·6	29·9	41·4	—	0	0·00	0	—	Renfrew ..	2·5	—	21	6	17	—	—	—	—
Bute	Rothesay ... ¶	200	♦	53	13th	33	11th	49·9	37·6	43·6	+2·4	0	0·00	0	- 19	Rothesay §	4·4	+1·2	38	0	31	38·1	—	40·0	- 1·8
Ayr	Kilmarnock ¶	90	a	60	14th	29	11th	56·3	34·7	45·2	+5·1	0	0·00	0	- 14	Kilmarnock ..	4·7	—	40	—	—	37·7	—	40·4	—
	Colmonell... ¶	170	a	56	12, 13	35	10th	52·4	37·7	44·8	+4·0	0	0·00	0	- 18	Colmonell ..	—	—	—	2	29	—	—	—	—
Dumfries	Dumfries ... ¶	140	♦	59	13th	29	11th	55·7	32·0	43·5	+2·8	0	0·00	0	- 15	Dumfries ..	6·2	—	53	7	15	36·3	- 3·2	39·1	- 1·8
	Eskdalemuir ...	794	‡	56	12, 13	23	10th	53·3	27·0	39·8	—	0	0·00	0	—	Eskdalemuir §	6·2	+3·2	53	7	18	—	—	—	—

* ‡ signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
♦ " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
h " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall	Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
	Ft.		°F.		°F.		°F.	°F.	°F.	°		in.	mm.
6b. ISLE OF MAN.													
I. of Man Douglas ... ¶	284	h	50	12th	35	11, 12, 14	48·3	36·6	42·3	+0·7	0	0·00	0
2. ENGLAND, N.E.													
Northumberland Cockle Park ¶	324	p	54	10th	24	9th	50·4	28·1	38·9	− 0·2	0	0·00	0
Tynemouth ¶	118	t	54	10th	32	9,10,11	49·3	33·0	40·9	+0·2	0	0·00	0
Durham Durham ... ¶	336	p	55	15th	26	10th	50·6	28·6	39·3	− 0·8	0	0·00	0
York, Rounton ... ¶	249	p	55	15th	25	11th	50·7	28·6	39·3	− 0·6	0	0·00	0
N. Riding West Witton ...	605	a	52	10, 14	22	11th	50·1	27·3	38·4	—	0	0·00	0
Scarborough ¶	118	h	55	15th	33	9, 11	49·3	34·3	41·6	0·0	0	0·00	0
York ... ¶	56	p	56	15th	29	10th	53·0	31·6	42·0	+0·5	0	0·00	0
E. Riding Spurn Head ¶	26	t	48	15th	32	10th	42·6	34·9	38·6	− 2·5	0	0·00	0
Lincoln Lincoln ... ¶	58	a	56	11th	27	10th	54·6	30·0	41·9	+0·4	0	0·00	0
Cranwell ... ¶	236	t	57	12, 15	22	10th	54·9	25·3	39·7	− 1·7	0	0·00	0
3. ENGLAND, E.													
Norfolk Cromer ... ¶	196	a	56	15th	28	13th	51·1	31·6	41·1	+0·1	0	0·00	0
Yarmouth ¶	13	t	56	15th	32	9, 10	43·9	34·7	39·2	− 1·3	0	0·00	0
Norwich ... ¶	93	a	55	15th	26	10th	51·3	29·6	40·1	− 1·4	0	0·00	0
Geldeston ... ¶	37	a	57	15th	20	10th	49·1	29·0	38·8	− 2·5	0	0·00	0
Cambridge Cambridge ¶	41	p	58	15th	23	11th	54·4	27·6	40·6	− 1·0	0	0·00	0
Hertford Rothamsted ¶	420	a	56	15th	25	11, 15	52·3	27·1	39·3	− 1·5	0	0·00	0
Middlesex Tottenham ¶	51	p	56	12th	26	10, 11	53·6	29·7	41·3	—	0	0·00	0
Essex Clacton-on-Sea ¶	55	t	46	11th	35	10th	43·7	36·7	40·1	− 0·8	0	0·00	0
Southend	90	h	51	11, 15	32	10, 11, 15	47·7	34·0	40·7	—	0	0·00	0
4. MIDLAND COUNTIES.													
York, Harrogate ¶	479	h	56	15th	25	11, 14	51·6	26·9	38·9	− 1·1	0	0·00	0
W. Riding Sheffield	429	p	60	15th	28	14th	53·9	30·3	41·8	—	0	0·00	0
Derby Buxton	987	p	55	15th	23	11th	51·4	27·1	38·9	+0·6	0	0·00	0
Nottingham Worksop(Hods'ck)¶	56	a	58	12, 15	22	11, 13, 14	55·7	24·3	39·5	− 2·2	0	0·00	0
Nottingham ¶	82	t	59	15th	23	10th	55·6	27·0	40·9	− 0·5	0	0·00	0
Warwick Birmingham (Edg)¶	525	t	59	12, 15	29	9,10,14	55·6	30·3	42·6	+1·4	0	0·00	0
Northampton Oundle ... ¶	147	a	58	15th	20	10th	54·3	24·7	39·1	—	0	0·00	0
Oxford Oxford ... ¶	208	p	60	12th	23	10th	55·6	25·9	40·3	− 1·8	0	0·00	0
Stafford Cheadle ... ¶	646	a	57	15th	26	14th	53·1	27·7	40·0	− 0·2	0	0·00	0
Worcester Tenbury ... ¶	313	p	59	12, 15	20	10th	55·6	22·1	38·4	− 3·4	0	0·00	0
Malvern	377	h	59	12, 15	29	10, 13, 15	55·7	30·3	42·6	—	0	0·00	0
Hereford Hereford ... ¶	291	a	60	12, 15	23	10th	56·3	26·0	40·7	− 1·4	0	0·00	0
Gloucester Clifton ... ¶	225	a	59	12th	30	10, 11, 15	54·9	31·7	43·0	+0·4	0	0·00	0
5. ENGLAND, S.E.													
London Westminster ...	27	a	56	15th	30	9, 15	53·0	32·9	42·7	− 0·2	0	0·00	0
Greenwich ‡ ...	149	a	56	11 15	25	10, 15	52·9	28·3	40·2	− 2·0	0	0·00	0
Hampstead ...	450	a	56	15th	50	10, 14	51·4	32·0	41·4	—	1	0·01	0·3
Camden Square ...	110	a	56	15th	28	9,10,11	53·6	29·9	41·4	− 1·2	0	0·00	0
Surrey Richmond(Kew O)¶	18	t	57	11th	28	10th	52·6	31·1	41·5	− 0·7	0	0·00	0·1
Wisley ... ¶	150	a	60	12th	23	10, 11	56·1	26·9	41·1	− 0·6	0	0·00	0
Kent Tunbridge Wells ¶	354	h	57	12, 15	28	15th	53·7	30·7	41·9	+0·5	0	0·00	0
Margate ... ¶	51	h	50	15th	33	10, 15	45·3	34·6	39·8	− 2·5	0	0·00	0
Dungeness ¶	21	t	48	11th	36	14th	46·1	37·6	41·7	+0·2	0	0·00	0
Sussex St. Leonards ¶	178	h	54	12th	35	15th	48·3	37·3	42·6	+0·4	0	0·00	0
Worthing... ...	36	h	53	12th	31	15th	49·6	36·1	42·7	—	0	0·00	0
I. of Wight Ventnor ... ¶	59	a	52	12, 15	38	10th	48·9	39·7	44·2	+0·4	0	0·00	0
Hampshire Southampton ¶	64	p	54	14, 15	27	15th	52·1	31·6	41·6	− 1·8	0	0·00	0
Wiltshire Marlborough ¶	424	a	60	12th	20	15th	55·4	25·9	40·2	− 0·3	0	0·00	0·1
Porton ... ¶	363	a	59	12th	24	15th	54·9	27·9	41·0	—	0	0·00	0
7a. ENGLAND, N.W.													
Cumberland Aspatria(Mealsg'e)¶	487	p	59	14th	32	9th	55·7	37·7	46·4	+6·0	0	0·00	0
Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—
Lancashire Stonyhurst ¶	377	a	55	12th	30	10, 14	51·1	51·6	41·1	+0·7	0	0·00	0
Blackpool... ¶	66	h	58	12th	31	14th	54·1	32·9	43·2	+2·0	0	0·00	0
Southport ¶	37	h	59	12th	31	9th	54·6	32·9	43·4	+1·9	0	0·00	0
Manchester Whitworth Pk. ¶	125	p	60	12th	30	10th	55·9	34·6	44·9	+2·6	0	0·00	0
Cheshire Liverp'l (Bidston)¶	189	a	56	12th	29	9th	53·0	31·7	42·0	0·0	0	0·00	0
7b. NORTH WALES.													
Flint Hawarden Bridge¶	22	a	59	12th	30	10, 11, 14	53·9	31·7	42·5	− 0·2	0	0·00	0
Carnarvon Llandudno ¶	22	h	60	12, 13	33	15th	57·0	36·6	46·5	+3·5	0	0·00	0
Anglesey Holyhead ... ¶	26	t	59	13th	35	10, 11	53·4	37·6	45·3	+2·6	0	0·00	0
8a. SOUTH WALES.													
Cardigan Aberystwyth ...	16	h	62	14th	34	10th	58·0	38·3	47·9	—	0	0·00	0
Pembroke St. Ann's Hd. ¶	150	t	54	13th	38	10, 15	50·0	39·1	44·4	+1·6	0	0·00	0
Radnor Rhayader... ¶	757	a	61	15th	22	10th	54·7	26·9	40·4	—	0	0·00	0
Glamorgan Cardiff ... ¶	202	p	59	12th	29	15th	54·9	32·1	43·2	+1·3	0	0·00	0
8b. ENGLAND, S.W.													
Somerset Bath ... ¶	66	h	61	12th	25	15th	57·0	29·9	43·1	+0·9	0	0·00	0
Dorset Shaftesbury ¶	722	a	—	—	—	—	—	—	—	—	—	—	—
Portland Bill ¶	19	t	47	12, 15	38	15th	45·9	41·9	43·8	+0·5	0	0·00	0
Devon Arlington ... ¶	613	a	58	12, 13, 15	33	15th	54·7	36·4	45·3	+4·1	0	0·00	0
Cullompton ¶	202	a	59	12, 15	26	15th	56·3	30·1	42·8	+0·3	0	0·00	0
Plymouth... ¶	116	p	57	12th	32	10th	53·0	38·3	45·4	+1·5	0	0·00	0
Cornwall Newquay	190	h	57	15th	34	15th	52·5	39·6	45·9	−1·8	0	0·00	0
Falmouth... ¶	167	h	52	12, 15	39	15th	50·4	42·6	46·4	+2·2	0	0·00	0
9. IRELAND, N.													
Donegal Malin Head ¶	53	t	57	12, 14	39	9,12,15	54·0	40·1	46·8	+4·7	0	0·00	0
Mayo Blacksod Point ¶	10	t	53	12th	34	15th	50·7	39·4	44·9	+1·4	3	0·19	5
Mallaranny ...	120	a	54	12th	36	15th	52·3	40·1	46·0	—	0	0·00	0
Sligo Markree Castle ¶	122	p	59	15th	27	15th	55·7	37·1	46·1	+4·3	0	0·00	0
Armagh Armagh ... ¶	204	p	55	12, 14	33	15th	52·7	37·9	45·1	+3·2	0	0·00	0
Down Donaghadee ¶	35	t	51	12, 15	34	15th	49·4	38·3	43·7	+1·4	0	0·00	0
10. IRELAND, S.													
Dublin Dublin City ¶	54	p	55	12th	32	15th	52·1	38·6	45·2	+1·5	0	0·00	0
King's County Birr Castle ¶	175	t	62	15th	29	15th	56·0	37·3	46·4	+4·5	0	0·00	0
Kilkenny Kilkenny ... ¶	195	a	59	15th	29	15th	53·9	36·4	44·9	+2·4	0	0·00	0
Waterford Waterford ¶	137	a	53	12, 15	35	15th	51·1	39·0	44·9	+1·5	1	0·01	0·2
Seskin, Carrick-on-Suir	542	p	56	15th	32	15th	52·4	35·0	43·4	—	3	0·04	1
Limerick Foynes ... ¶	50	a	59	15th	32	15th	53·6	39·3	46·2	+2·4	0	0·00	0
Kerry Cahirciveen ¶	30	t	58	14th	40	15th	54·4	46·1	50·1	+5·1	4	0·57	15
Killarney ... ¶	174	a	63	15th	37	15th	51·7	42·4	46·9	+2·8	4	0·18	5
Cork Roche's Point ¶	32	t	50	12th	41	15th	48·6	44·3	46·4	+2·1	2	0·10	3
11. CHANNEL ISLES & SCILLY.													
Scilly St. Mary's ¶	131	t	54	15th	42	10th	51·3	44·0	47·5	+1·6	0	0·00	0
Guernsey Grange ... ¶	173	p	56	12th	38	9, 15	51·9	40·1	45·8	+0·4	0	0·00	0
Jersey St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from norm	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	6·7	+2·5	57	3	27	—	—	—	—
Cockle Park §	5·8	+1·7	50	7	16	34·3	− 3·4	37·3	− 2·5
Tynemouth ..	—	—	—	3	29	—	—	—	—
Durham §	6·8	+3·1	58	7	20	—	—	—	—
Rounton ..	—	—	—	7	11	34·7	—	—	—
West Witton	—	—	—	7	12	33·2	—	37·8	—
Scarborough †§	7·6	+3·7	65	7	25	—	—	38·4	—
York §	7·9	+4·5	67	—	—	36.3	− 3·8	39·4	− 2·0
Spurn Head ..	7·8	—	67	—	—	—	—	—	—
Lincoln ..	—	—	—	7	23	35·6	− 3·6	39·0	− 2·1
Cranwell §	8·1	+4·0	68	7	12	—	—	—	—
Skegness §	8·5	+4·1	72	—	—	—	—	—	—
Cromer §	9·4	+5·3	80	—	—	—	—	—	—
Yarmouth §	9·0	—	77	4	22	38·1	− 3·4	40·0	− 3·5
Norwich ..	9·5	—	81	7	18	34·3	—	—	—
Geldeston §	8·8	+4·8	74	—	—	—	—	—	—
Cambridge §	8·4	+4·5	71	7	19	37·2	− 4·3	40·1	− 2·9
Rothamsted §	8·8	+5·1	75	7	14	35·2	—	—	—
Tottenham §	—	—	—	—	—	—	—	—	—
Clacton-on-Sea §	9·6	+5·4	81	2	24	39·3	− 2·8	41·1	− 2·9
Southend ..	9·1	—	77	4	28	39·6	—	—	—
Harrogate §	7·4	+3·6	63	7	14	35·0	− 4·0	37·8	2·4
Sheffield §	6·7	+9·4	57	7	21	33·9	− 5·1	37·9	− 2·8
Buxton ...	7·4	—	64	7	16	33·6	− 4·5	38·0	2·3
Worksop §	7·4	+4·1	64	7	15	36·2	—	38·9	—
Nottingham §	7·6	+4·2	64	7	23	35·2	− 4·0	37·0	− 2·9
Birmingham §	8·4	+5·7	71	7	14	37·3	− 2·8	41·8	− 1·3
Oundle ...	7·2	—	61	7	14	35·9	—	40·0	—
Oxford §	9·5	+5·9	80	7	14	—	—	—	—
Cheadle ...	—	—	—	7	14	—	—	—	—
Tenbury ...	—	—	—	7	15	37·0	—	—	—
Malvern... ...	9·4	—	80	7	21	35·9	—	39·0	—
Ross on Wye §	9·4	—	79	7	17	37·1	—	40·2	—
Clifton §	9·1	—	77	7	27	—	—	—	—
Westminster	7·0	+4·7	59	6	21	—	—	—	—
Greenwich ..	8·4	+5·1	71	7	10	—	—	—	—
Hampstead ..	8·6	—	73	7	14	—	—	—	—
Camden Square	—	—	—	7	22	35·9	—	40·2	—
Richmond § (Kew Obs.)	7·9	+4·6	67	7	14	37·0	− 4·5	41·4	2·0
Wisley §	8·7	+5·1	74	7	11	37·9	− 3·6	40·7	− 2·2
Tunbridge W'ls§	9·7	+5·8	82	7	14	39·8	—	41·5	—
Margate §	9·8	+5·9	83	4	23	38·5	− 4·0	41·3	− 2·2
Folkestone §	9·0	—	77	4	26	—	—	43·6	—
St. Leonards §	9·9	+5·7	84	3	25	39·9	—	41·8	—
Worthing §	10·2	+5·8	86	5	23	39·5	− 3·3	42·2	2·0
Ventnor §	10·1	+5·6	85	—	—	—	—	—	—
Southampton §	9·6	+5·7	81	6	22	—	—	—	—
Marlborough §	9·0	+5·8	76	7	21	38·2	—	42·1	—
Porton	10·0	—	85	7	19	37·6	—	—	—
Aspatria §	6·8	+3·2	58	3	26	38·1	− 2·2	40·0	− 2·2
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	7·0	+3·8	60	7	23	—	—	—	—
Blackpool §	7·4	+3·4	63	7	22	37·6	—	41·4	—
Southport §	7·5	+3·7	64	6	24	36·5	− 3·7	38·9	2·5
Whitworth Pk.	7·7	+5·5	66	—	—	—	—	—	—
Oldham Road	6·5	+4·1	56	1	28	35·8	− 3·6	40·0	2·3
Bidston ..	7·4	—	63	7	26	—	—	—	—
(Ches.)Hoylake§	8·1	+4·6	69	—	—	—	—	—	—
Llandudno §	8·6	+4·8	74	—	—	—	—	—	—
Holyhead ..	8·5	—	72	6	21	—	—	—	—
Aberystwyth§	9·7	+6·1	82	—	—	—	—	—	—
St. Ann's Hd §	7·7	+3·6	65	—	—	—	—	—	—
Rhayader §	9·4	—	79	7	12	—	—	—	—
Cardiff ...	9·8	—	83	6	20	37·6	4·0	41·0	− 2·3
Bath .. §	9·8	+6·0	83	—	—	39·1	—	41·6	—
Shaftesbury ..	—	—	—	—	—	—	—	—	—
Weymouth ..	9·7	—	82	—	—	—	—	—	—
Cullompton §	9·5	+5·8	80	7	16	40·5	—	—	—
Plymouth §	9·9	+5·8	84	0	33	40·9	− 2·9	43·6	—
Newquay §	9·3	+5·2	79	—	—	42·5	—	44·4	—
Falmouth §	9·7	+5·5	82	1	30	44·2	—	44·6	—
Malin Head ..	4·7	—	40	—	—	—	—	—	—
Mallaranny ..	2·8	—	24	—	—	—	—	—	—
Markree Castle §	—	—	—	1	23	42·5	0·0	43·0	− 0·7
Armagh §	6·4	+3·3	54	4	23	40·2	− 1·2	41·7	− 1·4
Trinity Coll.	—	—	—	5	22	41·4	− 1·3	42·6	− 1·7
Phœnix Park §	7·6	+4·1	65	4	17	—	—	—	—
Dublin City ..	—	—	—	1	25	—	—	—	—
Birr Castle §	6·7	+3·5	57	4	21	—	—	—	—
Seskin ..	7·4	—	63	6	22	—	—	—	—
Cahirciveen (Valencia O.)§	2·9	− 0·6	25	0	34	—	—	—	—
Ballinacurra §	5·0	+1·1	42	—	—	—	—	—	—
St. Mary's §	8·1	+3·5	69	—	—	—	—	—	—
Grange §	10·4	+5·4	88	5	27	42·9	− 2·1	44·1	1·8
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, March 15th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed m.p.h	Highest Hourly Wind. Speed m/s	Highest Hourly Wind. Mid Time d.	Highest Hourly Wind. Mid Time hr	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s	Highest Gust. Time d.	Highest Gust. Time h	Highest Gust. Time m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s	d.	hr	m.p.h	m/s	d.	h	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	11 to 14	28	102	30	8	0	230	30	13	14	12	40	18	15	12	25
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	8, 11	22	76	60	10	0	230	29	13	8	2	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	49	92	27	0	180	22	10	13	13	36	16	13	13	10
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	10	63	95	0	270	15	7	15	7	26	12	9	0	5
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	0	74	94	0	150	12	5	12	13	22	10	9	11	15
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	19	55	94	0	230	18	8	9	12	25	11	9	11	25
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	32	103	33	0	130	19	9	13	13	28	13	12	8	45
York, E.R. Spurn Head ...	67	41	‡	—	0	13	2	81	77	8	0	130	25	11	13	19	30	13	13	19	20
Lincoln Cranwell ...	280	43	31	—	0	—	0	14	(119)	(35)	0	110	20	9	12	13	24	11	12	13	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	68	67	33	0	120	24	11	12	23	29	13	12	23	20
Essex Shoeburyness...	103	90	‡	—	0	—	0	69	71	28	0	90	23	10	13	15	29	13	13	14	50
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	19	87	62	0	90	19	9	13	18	28	12	13	17	45
Kent Lympne ...	409	70	‡	—	0	12	1	78	88	1	0	80	25	11	12	21	34	15	12	21	5
Surrey Croydon ...	284	40	24	—	0	—	0	13	96	59	0	50	15	7	13	14	22	10	13	14	20
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	19	139	10	0	110	15	7	13	12	27	12	13	14	0
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	43	104	21	0	100	17	8	13	15	32	14	13	14	5
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	—	0	98	(70)	(0)	0	110	22	10	13	11	27	12	13	11	50
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	44	115	9	0	130	19	9	14	12	28	13	13	13	25
Lancashire Southport ...	80	62	48	—	0	—	0	72	91	5	0	140	21	9	13	13	33	15	13	12	5
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	16	81	71	0	120	21	9	12	10	27	12	12	9	45
8b. ENGLAND, S.W																					
Devon Plymouth ...	185	88	2	—	0	13, 14	14	99	39	10	6	—	32	14	13	13	50	22	13	15	50
Cornwall Pendennis Castle§ ..	256	65	24	13	1	9, 10, 12 to 14	42	96	12	10	7	90	39	17	13	16	47	21	13	16	10
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	62	89	17	0	170	19	9	11	4	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	10 to 13	24	95	1	15	33	—	30	13	11	10	41	18	12	11	40
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	9, 10, 13	6	128	23	11	0	90	28	13	13	19	52	23	12	19	25
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	121	35	12	0	—	23	10	12	11	31	14	12	21	30
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	—	0	9, 10, 13, 14	57	96	15	0	0	100	32	14	13	20	43	19	13	18	40

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable: ‡Standard mounting.
§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	25	11	5·0	10	6	2·9	21	7	3·2	5	5	2·3	19	6	2·7	26	10	4·6	24	10	4·5	23	8	3·7
North	1	13	5·7	4	2	1·1	1	2	1·1	8	2	0·9	1	2	0·7	0	—	—	0	—	—	4	3	1·2
West	11	7	3·1	10	5	2·4	2	5	2·3	2	3	1·5	5	4	1·6	0	—	—	1	4	2·0	2	5	2·1
East	13	9	3·8	1	5	2·3	19	10	4·4	21	9	3·8	15	4	1·7	26	19	8·7	23	6	2·5	26	15	6·9
Calm (or wind-speed < 4 m.p.h.)	1	—	—	14	—	—	5	—	—	5	—	—	8	—	—	0	—	—	3	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 20th March, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 12.

TWELFTH WEEK.
SUNDAY, MARCH 16TH TO SATURDAY, MARCH 22ND, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWELFTH WEEK of 1924—March 16th to March 22nd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	53	25	42·5	32·0	37·1	− 2·5	1	− 11	36	+10	4	− 1	0·61	15	− 9	3·4	+0·2	28	1010
Eastern.																			
1. SCOTLAND, EAST ..	48	15	41·9	28·9	35·2	− 4·6	0	− 15	48	+19	4	0	0·31	8	− 6	4·3	+0·5	35	1010
2. ENGLAND, N.E. ..	57	19	45·6	29·0	37·1	− 4·1	10	− 8	44	+21	2	− 2	0·21	5	− 5	4·9	+0·5	40	1012
3. ENGLAND, EAST ..	61	21	47·6	31·0	39·1	− 2·5	16	− 6	36	+12	2	− 2	0·09	2	− 10	5·3	+1·1	44	1012
4. MIDLAND COUNTIES	59	21	48·6	29·5	38·8	− 2·5	18	− 4	41	+15	2	− 2	0·32	8	− 3	4·7	+0·9	39	1011
5. ENGLAND, S.E. ..	60	20	49·0	32·2	40·4	− 2·1	20	− 2	31	+12	2	− 2	0·32	8	− 4	5·7	+1·4	47	1011
Western.																			
6. SCOTLAND, WEST[1] ..	53	19	46·3	29·3	37·5	− 3·7	12	− 5	44	+24	2	− 2	0·41	10	− 10	4·1	+0·3	33	1011
7. ENGLAND, N.W.[2] ..	61	24	46·0	32·0	38·8	− 2·9	11	− 6	34	+14	2	− 2	0·28	7	− 6	5·2	+1·2	43	1011
8. ENGLAND, S.W.[3] ..	59	20	49·1	33·5	41·1	− 1·7	20	− 2	26	+10	3	− 1	0·74	19	+ 2	5·3	+0·9	44	1011
9. IRELAND, NORTH ..	58	21	48·3	33·3	40·6	− 1·5	18	− 1	27	+ 9	3	− 1	0·25	6	− 10	3·4	− 0·4	28	1010
10. IRELAND, SOUTH ..	59	21	50·1	35·1	42·4	− 1·1	22	− 3	19	+ 4	3	− 1	0·39	10	− 7	4·1	− 0·1	33	1008
11. CHANNEL ISLANDS[4]	58	35	51·0	40·8	45·8	+0·3	30	+ 1	3	− 2	3	− 1	0·60	16	+ 1	6·2	+1·3	51	1010
MEAN: DISTRICTS 1-10	61	15	47·3	31·4	39·1	− 2·7	15	− 5	35	+14	3	− 1	0·33	8	− 6	4·7	+0·6	39	1011

THE SEASON (Spring).—Aggregates, &c., for the Period of 3 Weeks, March 2nd to March 22nd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	60	12	43·8	31·6	37·6	− 1·4	22	− 5	116	+27	10	− 5	1·62	41	− 38	2·8	− 0·1	24	1012
Eastern.																			
1. SCOTLAND, EAST ..	60	2	43·8	28·9	36·2	− 2·9	22	− 13	145	+47	6	− 7	0·40	11	− 33	4·0	+ 0·5	34	1013
2. ENGLAND, N.E. ..	57	16	45·7	28·7	36·9	− 3·7	34	− 13	141	+63	4	− 8	0·39	10	− 21	5·5	+ 1·6	47	1016
3. ENGLAND, EAST ..	61	20	46·9	30·4	38·5	− 2·4	41	− 16	115	+37	5	− 6	0·42	10	− 21	6·7	+ 2·9	57	1017
4. MIDLAND COUNTIES	60	19	48·3	27·7	37·7	− 3·1	54	− 4	145	+63	5	− 6	0·74	19	− 13	5·7	+ 2·3	48	1016
5. ENGLAND, S.E. ..	60	20	48·5	31·8	40·0	− 1·9	55	− 4	97	+36	5	− 6	0·69	17	− 19	7·2	+ 3·4	61	1016
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	46·9	30·2	38·3	− 2·4	42	+ 2	119	+51	3	− 10	0·62	15	− 48	4·8	+ 1·3	41	1015
7. ENGLAND, N.W.[2] ..	61	21	47·3	31·9	39·4	− 1·8	47	+ 3	103	+40	5	− 7	0·63	16	− 27	6·0	+ 2·6	52	1014
8. ENGLAND, S.W.[3] ..	61	15	48·8	33·4	40·9	− 1·4	58	− 2	82	+29	6	− 6	1·25	32	− 20	6·7	+ 2·8	57	1014
9. IRELAND, NORTH ..	62	18	48·0	33·4	40·5	− 1·2	54	+ 2	85	+27	7	− 7	0·58	15	− 34	4·5	+ 1·2	39	1013
10. IRELAND, SOUTH ..	63	21	49·2	35·4	42·1	− 1·0	65	− 5	62	+15	7	− 5	0·89	23	− 29	4·8	+ 1·0	41	1012
11. CHANNEL ISLANDS[4]	58	30	50·3	39·8	44·9	− 0·2	79	− 4	19	0	6	− 7	0·97	26	− 19	7·8	+ 3·2	66	1014
MEAN: DISTRICTS 1-10 ..	63	2	47·3	31·2	39·1	− 2·2	47	− 5	109	+41	5	− 7	0·66	17	− 27	5·6	+ 2·0	48	1015

THE YEAR. Aggregates, &c., for the Period of 12 Weeks, December 30th, 1923, to March 22nd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	60	12	43·6	34·9	39·3	+1·0	80	− 1	310	− 85	54	− 7	10·07	256	− 98	1·5	− 0·3	17	1010
Eastern.																			
1. SCOTLAND, EAST ..	60	2	42·8	32·5	37·7	− 0·1	70	− 22	433	− 18	45	− 4	4·35	112	− 59	2·2	− 0·2	23	1012
2. ENGLAND, N.E. ..	57	16	43·3	32·8	38·1	− 0·9	79	− 38	406	+40	34	− 12	3·56	91	− 29	2·7	+ 0·2	28	1015
3. ENGLAND, EAST ..	61	18	43·4	33·2	38·3	− 0·7	82	− 56	393	+ 6	38	− 8	4·15	105	− 15	3·0	+ 0·4	31	1016
4. MIDLAND COUNTIES	60	15	44·5	32·4	38·5	− 0·5	111	− 35	410	+12	38	− 8	4·78	121	− 17	2·6	+ 0·3	27	1015
5. ENGLAND, S.E. ..	60	17	45·1	34·5	39·8	− 0·5	129	− 34	315	+ 9	35	− 10	4·30	110	− 40	3·4	+ 0·8	34	1016
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	44·9	34·1	39·5	− 0·2	117	0	326	+16	45	− 10	7·89	199	− 89	2·3	+ 0·1	25	1014
7. ENGLAND, N.W.[2] ..	61	21	44·9	35·2	40·1	+0·1	118	− 10	284	− 15	41	− 8	5·10	129	− 62	2·8	+ 0·5	29	1015
8. ENGLAND, S.W.[3] ..	61	14	46·2	35·9	41·1	− 0·3	162	− 26	237	− 4	41	− 9	7·65	194	− 35	3·2	+ 0·6	33	1015
9. IRELAND, NORTH ..	62	18	46·8	36·8	41·9	+1·0	187	+23	199	− 55	52	− 6	6·54	167	− 54	2·3	+ 0·1	24	1012
10. IRELAND, SOUTH ..	63	21	48·0	37·8	42·9	+0·5	237	0	157	− 45	47	− 6	8·59	217	− 27	2·5	0·0	25	1013
11. CHANNEL ISLANDS[4]	58	30	48·5	40·9	44·7	+0·3	297	+ 3	69	− 24	45	− 10	6·97	179	− 16	3·6	+ 0·5	36	1015
MEAN: DISTRICTS 1-10 ..	63	2	45·0	34·5	39·8	− 0·2	129	− 20	316	− 5	42	− 8	5·69	145	− 43	2·7	+ 0·3	28	1014
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W (and N. Wales).	8. England, S.W (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Light	Moderate	Light	Light	Moderate	Moderate	Moderate	Moderate	Moderate	Light	Moderate	Moderate
	Sunshine ..	Moderate	Moderate	Moderate	Abundant	Abundant	Abundant	Moderate	Abundant	Abundant	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 3 weeks from March 2nd, 1924	Warmth ..	1, 0, 2	0, 1, 2	0, 1, 2	0, 1, 2	0, 1, 2	0, 1, 2	1, 0, 2	1, 0, 2	0, 2, 1	1, 1, 1	1, 1, 1	0, 2, 1
	Rainfall ..	0. 1. 2	0, 1, 2	0, 0, 3	0, 1, 2	0, 1, 2	0, 2, 1	0, 1, 2	0, 2, 1	0, 2, 1	0, 0, 3	0, 1, 2	0, 2, 1
	Sunshine ..	0, 3, 0	1, 2, 0	1, 2, 0	3, 0, 0	3, 0, 0	3, 0, 0	2, 1, 0	3, 0, 0	3, 0, 0	2, 1, 0	2, 1, 0	3, 0, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

In most parts of the British Isles the weather during the first five days of the week was fair or fine, with good records of sunshine. Towards the end of the week there was a general break in the drought which had prevailed in most parts of the country, and rain fell in all places. Snow or hail occurred in parts of Scotland and at one or two places in England, and at a few stations, notably in Scotland, "snow lying" was reported. Among the largest measurements of precipitation, which mostly occurred on the 22nd, were 25mm. at Cardiff, 18mm. at Plymouth and Torquay, 19mm. at Falmouth and 17mm. at Pembroke (St. Ann's Head), Tenby and Weymouth. The total amount for the week over the country generally was below the normal. The highest temperatures were registered in most parts of our Islands either at the beginning or at the end of the week, and in parts of England and Ireland readings round about 60°F. were obtained. There were several low screen minimum readings, the lowest, 13°F., occurring at Eskdalemuir on the 18th, while grass temperatures below 15°F. were recorded in several places, the lowest reading, 9°F., being registered at Rounton (N. Riding) on the morning of the 18th. The mean temperature for the week was below the normal in all Districts with the exception of the English Channel District, where it was about normal. The largest values of sunshine occurred mostly on the 19th, when a number of places recorded between 10hrs. and 11hrs. Among the largest amounts were 11·1hrs. at Tunbridge Wells, 11·0hrs. at Eastbourne and Worthing, 10·9hrs. at Guernsey and 10·8hrs. at Margate, Plymouth, Rothamsted and St. Leonards. The total amount for the week was in excess of the normal in nearly all parts of our Islands. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·1hrs. at Margate to −2·2hrs. at Cahirciveen (Valencia Obs.). Solar and lunar halos were observed at several stations on various dates. A parhelion was seen at Oxford on the 22nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week		Deviation from Normal.
		Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm.	mm
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	43	21st	29	17, 18	38·9	32·0	35·4	− 3·2	6	0·95	24	+ 7
Orkneys	Deerness	160	p	45	20, 21	29	18th	41·6	31·6	36·5	− 2·7	6	0·81	21	+ 6
Hebrides	Stornoway ¶	51	t	46	21st	32	17, 18	42·7	34·9	38·7	− 1·2	7	0·76	19	− 4
	Castlebay	37	t	45	16, 18, 20	35	18th	43·9	38·9	41·3	—	3	0·35	9	—
Caithness	Wick ... ¶	81	t	45	21st	27	18th	40·0	33·3	36·6	− 2·8	4	0·53	13	0
Ross and Cromarty	Strathpeffer ¶	125	a	48	21st	27	20th	43·6	30·7	37·0	− 2·7	4	0·53	13	− 2
	Achnashellach ¶	225	h	50	21st	26	18th	42·6	30·7	36·5	—	4	0·98	25	—
Inverness	Inverness	242	h	46	21st	27	20th	41·7	31·4	36·4	—	3	0·37	9	—
	Fort Augustus ¶	68	a	53	21st	25	21st	45·1	30·1	37·4	− 2·5	3	0·25	6	− 14
	Onich ... ¶	48	h	46	16, 19, 22	27	18th	44·7	32·1	38·2	—	3	0·31	8	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	46	20, 21	26	20th	42·0	31·6	36·7	− 3·2	5	0·37	9	− 2
Elgin	Gordon Castle ¶	101	p	48	21, 22	25	20th	43·0	29·3	36·0	− 4·5	4	0·41	10	− 3
Aberdeen	Aberdeen ... ¶	46	t	42	16, 19	25	20th	40·4	31·1	35·6	—	5	0·41	11	− 3
	Balmoral ... ¶	930	a	45	21st	15	20th	38·9	24·0	31·2	− 5·2	4	0·26	7	− 10
Perth	Crieff ... ¶	478	p	44	16, 18, 21	22	20th	42·3	28·0	34·9	− 5·6	3	0·33	8	− 10
Forfar	Dundee	147	a	45	16, 18, 20	24	20th	43·9	30·1	36·8	—	3	0·35	9	—
Fife	Inchkeith ... ¶	190	t	46	16th	30	20, 21	41·7	33·3	37·4	—	4	0·32	8	—
Midlothian	Edinburgh ...	441	p	46	20, 21	24	20, 21	43·1	29·4	36·1	− 4·1	4	0·25	6	− 4
Peebles	West Linton ¶	770	a	47	20th	16	18th	42·9	26·4	34·4	− 2·9	2	0·21	5	—
Berwick	Marchmont ¶	498	a	48	22nd	23	20, 21	44·0	27·9	35·7	− 3·7	2	0·19	5	− 10
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	48	16th	20	18th	45·1	27·6	36·1	—	3	0·26	7	—
Renfrew	Renfrew ... ¶	36	t	49	19th	19	21st	45·0	25·9	35·2	—	2	0·35	9	—
Bute	Rothesay ... ¶	200	p	50	19th	29	17, 18	45·7	31·6	38·4	− 3·2	2	0·49	12	− 8
Ayr	Kilmarnock ¶	90	a	50	16, 20	21	18th	47·6	27·7	37·4	− 3·1	2	0·39	10	− 5
	Colmonell... ¶	170	a	52	22nd	21	18th	46·7	30·9	38·6	− 2·5	2	0·19	5	− 13
Dumfries	Dumfries ... ¶	140	p	53	16th	23	18, 21	47·3	27·3	37·0	− 4·2	3	0·31	8	− 7
	Eskdalemuir ...	794	t	46	22nd	13	18th	43·1	22·4	32·4	—	3	0·35	9	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F	°F	°F	°F.
Lerwick ..	4·7	—	38	—	—	—	—	—	—
Deerness §	3·1	− 0·3	25	—	—	—	—	—	—
Stornoway §	3·1	− 0·4	26	—	—	—	—	—	—
Castlebay ..	3·7	—	30	—	—	—	—	—	—
Achnashellach	—	—	—	7	16	—	—	—	—
Inverness §	3·9	—	32	5	21	—	—	—	—
Onich ...	3·3	—	27	5	17	—	—	—	—
Nairn §	4·2	—	35	—	—	—	—	—	—
Gordon Castle	4·1	—	34	—	—	—	—	—	—
Aberdeen §	5·0	+0·8	41	5	20	—	—	39·6	− 0·4
Balmoral	—	—	—	7	12	—	—	—	—
(Kinc). Crathes §	4·7	+0·7	38	5	20	36·2	—	38·9	—
Dundee §	4·1	—	34	5	20	37·0	—	—	—
Inchkeith ..	4·9	—	40	—	—	—	—	—	—
Edinburgh §	3·7	− 0·2	31	6	15	—	—	—	—
West Linton	—	—	—	7	13	—	—	—	—
Marchmont §	4·3	+0·5	35	—	—	—	—	—	—
Ford .	—	—	—	7	19	37·8	—	39·5	—
Renfrew .	2·7		22	7	12	—	—	—	—
Rothesay §	3·3	− 0·2	27	6	22	38·3	—	41·0	− 1·1
Kilmarnock .	2·7	—	22	—	—	37·7	—	40·8	—
Colmoneli ..	—	—	—	6	16	—	—	—	—
Dumfries	4·2	—	35	7	12	37·5	− 2·7	39·8	− 1·5
Eskdalemuir §	3·8	+0·6	31	7	11	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F	°F		in.	mm.	mm
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	49	22nd	29	18th	46·7	33·9	40·1	− 1·7	2	0·88	22	+ 6
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	52	22nd	23	21st	43·7	27·1	35·2	− 4·1	3	0·37	9	− 4
	Tynemouth ¶	118	t	51	22nd	28	18th	43·4	31·7	37·4	− 3·4	1	0·12	3	− 7
Durham	Durham ... ¶	336	p	55	16th	19	20, 21	46·9	25·1	35·7	− 4·7	2	0·15	4	− 6
York, N. Riding	Rounton ... ¶	249	p	52	22nd	22	18th	45·7	26·3	35·7	− 4·5	3	0·15	4	− 6
	West Witton ...	605	a	51	22nd	24	18, 20	45·1	27·3	35·9	—	2	0·26	7	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	55	22nd	26	18th	47·0	30·0	38·3	− 3·6	2	0·37	9	− 1
E. Riding	Spurn Head ¶	26	t	52	22nd	32	18th	42·7	33·3	37·9	− 3·5	1	0·04	1	− 7
Lincoln	Lincoln ... ¶	58	a	56	22nd	26	18th	48·3	29·7	38·7	− 3·3	1	0·38	10	+ 1
	Cranwell ... ¶	236	t	57	22nd	25	18th	47·1	28·9	37·7	− 4·2	2	0·09	2	− 8
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	58	22nd	31	19, 20	45·6	32·3	38·8	− 2·7	3	0·11	3	− 7
	Yarmouth ¶	13	t	55	22nd	28	18th	45·4	31·7	38·4	− 2·6	2	0·03	1	− 11
	Norwich ... ¶	93	a	58	22nd	28	18th	47·4	30·3	38·6	− 3·4	2	0·15	4	− 10
	Geldeston ... ¶	37	a	58	22nd	25	18th	48·4	29·6	38·7	− 3·1	1	0·02	0·4	− 12
Cambridge	Cambridge ¶	41	p	61	22nd	21	18th	49·7	27·4	38·2	− 3·9	2	0·13	3	− 7
Hertford	Rothamsted ¶	420	a	57	22nd	25	19th	49·0	30·1	39·3	− 2·0	2	0·27	7	− 7
Middlesex	Tottenham ¶	51	p	57	22nd	30	17th	49·9	33·9	41·7	—	1	0·01	0·2	—
Essex	Clacton-on-Sea ¶	55	t	51	22nd	27	17th	45·7	32·9	39·1	− 2·3	1	0·02	1	− 9
	Southend ... ... §	90	h	55	16th	30	18th	48·9	34·3	41·4	—	2	0·07	2	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	54	22nd	22	21st	44·4	27·4	35·7	− 4·2	2	0·32	8	− 5
	Sheffield	429	p	53	22nd	27	21st	45·0	31·0	37·8	—	1	0·25	6	− 7
Derby	Buxton	987	p	48	22nd	22	18th	43·1	27·7	35·2	− 3·1	2	0·66	17	− 5
Nottingham	Worksop(Hods'ck)¶	56	a	56	22nd	21	21st	50·6	26·6	38·2	− 3·4	1	0·25	6	− 4
	Nottingham ¶	82	t	55	22nd	23	18th	47·6	29·4	38·2	− 3·2	2	0·16	4	− 5
Warwick	Birmingham (Edg)¶	525	t	56	22nd	29	18, 2	46·6	32·4	39·3	− 1·9	2	0·24	6	− 5
Northampton	Oundle ... ¶	147	a	59	22nd	24	18th	49·3	27·6	38·1	—	2	0·20	5	—
Oxford	Oxford ... ¶	208	p	59	22nd	28	17 18	50·3	32·0	40·9	− 1·2	3	0·28	7	− 3
Stafford	Cheadle ... ¶	646	a	53	22nd	26	20 21	46·9	28·6	37·5	− 2·7	2	0·47	12	− 1
Worcester	Tenbury ... ¶	313	p	57	22nd	24	18th	49·6	29·4	39·2	− 2·5	2	0·24	6	− 3
	Malvern	377	h	56	22nd	29	18th	48·1	33·4	40·5	—	2	0·41	10	—
Hereford	Hereford ... ¶	291	a	57	22nd	26	18th	51·4	30·0	40·4	− 1·7	2	0·41	10	− 1
Gloucester	Clifton ... ¶	225	a	56	22nd	29	18, 19	49·7	32·0	40·6	− 2·1	3	0·67	17	+ 3
5. ENGLAND, S.E.															
London	Westminster ...	27	a	58	16th	27	17th	51·4	32·9	41·9	− 1·3	1	0·15	4	− 6
	Greenwich ‡ ...	149	a	58	22nd	26	19th	51·1	32·3	41·4	− 1·1	2	0·12	3	− 8
	Hampstead ...	450	a	56	16, 22	29	17th	48·4	32·4	40·2	—	1	0·15	4	—
	Camden Square ...	110	a	58	22nd	30	19th	51·0	33·3	41·9	− 1·2	1	0·16	4	− 7
Surrey	Richmond (Kew O)¶	18	t	57	22nd	29	19th	48·7	34·0	41·1	− 1·4	1	0·04	1	− 9
	Wisley ... ¶	150	a	58	16, 2	24	17th	51·0	30·0	40·2	− 1·8	2	0·24	6	− 5
Kent	Tunbridge Wells ¶	354	h	58	16th	25	17th	49·9	31·4	40·4	− 1·3	1	0·30	8	− 5
	Margate ... ¶	51	h	57	22nd	31	19th	46·6	36·1	41·2	− 1·4	1	0·10	3	− 7
	Dungeness ¶	21	t	52	16th	25	18th	46·4	32·4	39·2	− 2·6	2	0·06	2	− 9
Sussex	St. Leonards ¶	178	h	55	16th	32	17, 18	47·4	35·3	41·2	− 1·3	3	0·30	8	− 5
	Worthing... ...	36	h	57	16th	28	18, 19	49·0	33·4	41·0	—	3	0·37	9	—
I. of Wight	Ventnor ... ¶	59	a	58	16th	32	18th	48·6	36·7	42·5	− 1·5	3	0·48	12	0
Hampshire	Southampton ¶	64	p	56	22nd	25	18th	49·4	31·3	40·1	− 3·6	3	0·61	15	+ 1
Wiltshire	Marlborough ¶	424	a	60	16th	20	18th	51·0	26·1	38·2	− 2·6	3	0·54	14	− 1
	Porton ... ¶	363	a	58	16th	22	18th	51·0	28·4	39·4	—	3	0·57	14	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	47	22nd	24	17, 18	44·0	28·6	36·1	− 4·5	3	0·37	9	− 7
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	51	22nd	25	17, 18	45·4	30·1	37·5	− 3·1	2	0·40	10	− 9
	Blackpool... ¶	66	h	51	22nd	25	18th	45·9	30·6	38·0	− 3·4	2	0·37	9	− 3
	Southport ¶	37	h	53	22nd	25	18th	45·5	30·7	37·9	− 3·8	2	0·44	11	− 1
Manchester	Whitworth Pk. ¶	125	p	53	22nd	26	18th	46·4	32·0	39·0	− 3·5	2	0·22	5	− 7
Cheshire	Liverp'l (Bidston)¶	189	a	55	22nd	30	18, 19	45·1	31·6	38·2	− 4·0	2	0·17	4	− 6
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	61	22nd	28	18th	48·6	32·4	40·3	− 2·6	1	0·11	3	− 6
Carnarvon	Llandudno ¶	22	h	52	22nd	25	18th	46·6	33·6	39·9	− 3·2	2	0·17	4	− 7
Anglesey	Holyhead ... ¶	26	t	49	22nd	34	18, 19	45·9	37·3	41·5	− 1·3	2	0·36	9	− 5
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	52	22nd	27	18th	47·4	34·1	40·6	—	2	0·60	15	—
Pembroke	St. Ann's Hd. ¶	150	t	50	16th	32	18th	46·6	36·6	41·5	− 1·2	3	0·79	20	+ 6
Radnor	Rhayader... ¶	757	a	53	16,	20	18th	48·3	27·9	37·8	—	3	0·55	14	—
Glamorgan	Cardiff ... ¶	202	p	57	22nd	28	18th	49·0	32·6	40·6	− 1·4	2	1·06	27	+10
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	58	22nd	23	18th	51·0	30·7	40·6	− 1·8	2	0·48	12	− 1
Dorset	Shaftesbury ¶	722	a	55	16th	29	20th	48·7	32·0	40·1	− 0·9	3	0·69	17	+ 3
	Portland Bill ¶	19	t	48	16, 22	35	18th	45·7	40·1	42·8	− 0·4	2	0·44	11	+ 1
Devon	Arlington ... ¶	613	a	54	22nd	28	18, 19	48·6	32·1	40·1	− 1·2	3	0·78	20	− 2
	Cullompton ¶	202	a	59	22nd	23	18th	53·1	29·3	40·8	− 1·9	2	0·67	17	+ 2
	Plymouth... ¶	116	p	57	16th	28	18th	49·9	35·9	42·7	− 1·3	3	0·86	22	+ 6
Cornwall	Newquay	190	h	55	22nd	29	19th	49·2	34·9	41·8	− 2·3	3	0·45	11	− 3
	Falmouth... ¶	167	h	56	16th	33	18th	50·6	37·9	44·1	− 0·1	3	1·04	26	+ 7
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	50	22nd	31	19th	45·7	36·3	40·9	− 0·9	3	0·14	4	− 9
Mayo	Blacksod Point ¶	10	t	52	22nd	29	19th	48·4	35·0	41·5	− 1·7	3	0·11	3	− 19
	Mallaranny ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	57	22nd	21	19th	50·1	30·0	39·8	− 1·9	2	0·29	7	− 11
Armagh	Armagh ... ¶	204	p	57	22nd	26	18th	48·0	32·1	39·8	− 1·8	2	0·27	7	− 6
Down	Donaghadee ¶	35	t	54	22nd	30	16, 18	46·7	35·0	40·7	− 1·3	3	0·43	11	− 1
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	56	22nd	29	19th	48·0	34·7	41·2	− 2·4	1	0·07	2	− 9
King's County	Birr Castle ¶	175	t	58	22nd	25	18, 19	50·9	31·1	40·7	− 1·2	3	0·28	7	− 6
Kilkenny	Kilkenny ... ¶	195	a	59	22nd	21	19th	50·0	29·6	39·5	− 2·9	3	0·34	9	− 4
Waterford	Waterford ¶	137	a	54	22nd	28	19th	49·6	34·3	41·7	− 1·6	4	0·78	20	+ 5
	Seskin, Carrick-on-Suir	542	p	54	22nd	24	16th	49·4	32·6	40·8	—	4	0·59	15	—
Limerick	Foynes ... ¶	50	a	54	21st	29	19th	49·6	35·0	42·1	− 1·6	3	0·24	6	− 10
Kerry	Cahirciveen ¶	30	t	55	22nd	32	16th	51·0	38·9	44·8	0·0	3	0·32	8	− 16
	Killarney ... ¶	174	a	57	16, 21, 22	30	16th	53·4	37·9	45·4	+1·4	3	0·35	9	− 16
Cork	Roche's Point ¶	32	t	50	16, 23	33	19th	48·1	39·0	43·4	− 0·7	4	0·70	18	+ 2
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	55	16th	39	17, 18	51·0	41·3	46·0	+0·2	2	0·43	11	− 4
Guernsey	Grange ... ¶	173	p	58	22nd	35	16th	51·0	40·6	45·7	+0·2	3	0·69	18	+ 3
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Grass Min.: Ground Frosts	Lowest Reading	Ground Temperature, Earth 1 ft.: Mean	Deviation from norm	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	5·1	+0·5	42	3	21	—	—	—	—
Cockle Park §	4·9	+0·5	40	7	13	35·2	− 3·5	37·8	− 2·3
Tynemouth ..	—	—	—	4	27	—	—	—	—
Durham §	4·0	0·0	33	7	13	—	—	—	—
Rounton ..	—	—	—	7	9	36·1	—	—	—
West Witton	—	—	—	7	17	33·1	—	37·1	—
Scarborough §	—	—	—	—	—	—	—	—	—
York §	4·5	+0·8	37	—	—	37·4	− 3·5	39·5	− 2·1
Spurn Head ..	4·8	—	39	—	—	—	—	—	—
Lincoln ..	—	—	—	7	23	36·9	− 3·3	39·5	− 2·0
Cranwell §	5·3	+0·8	43	7	17	—	—	—	—
Skegness §	5·6	+0·8	46	—	—	—	—	—	—
Cromer §	5·4	+0·9	44	—	—	—	—	—	—
Yarmouth §	4·8	—	39	6	23	39·4	− 3·1	40·9	− 3·0
Norwich ..	5·5	—	45	7	21	35·6	—	—	—
Geldeston §	5·0	+0·6	41	—	—	—	—	—	—
Cambridge §	5·6	+1·3	46	7	19	38·7	− 3·7	40·5	− 2·9
Rothamsted §	6·7	+2·6	55	7	17	37·1	—	—	—
Tottenham §	4·6	—	38	—	—	—	—	—	—
Clacton-on-Sea §	5·1	+0·5	42	5	23	39·7	− 3·2	41·8	− 2·6
Southend ..	5·7	—	47	3	26	40·8	—	—	—
Harrogate §	4·6	+0·5	37	7	14	36·0	− 3·7	38·0	− 2·6
Sheffield §	3·9	+0·3	32	7	20	35·0	− 4·8	37·8	− 3·1
Buxton ...	3·7	—	30	6	15	35·6	− 3·2	38·1	− 2·3
Worksop §	4·7	+1·1	38	7	14	37·7	—	39·5	—
Nottingham §	3·6	− 0·1	29	—	—	—	—	—	—
Birmingham §	2·7	− 0·3	22	5	14	38·6	− 2·0	42·0	− 1·1
Oundle ...	5·2	—	43	7	15	37·5	—	40·0	—
Oxford §	6·9	+3·0	57	5	20	—	—	—	—
Cheadle ...	—	—	—	6	15	—	—	—	—
Tenbury ...	—	—	—	7	18	39·0	—	—	—
Malvern... ...	6·6	—	54	6	23	38·4	—	39·4	—
Ross on Wye §	6·1	—	50	5	18	39·2	—	40·9	—
Clifton §	5·3	—	43	3	26	—	—	—	—
Westminster	4·1	+1·7	33	6	19	—	—	—	—
Greenwich ..	4·1	+0·3	34	7	14	—	—	—	—
Hampstead ..	6·1	—	50	7	15	—	—	—	—
Camden Square	—	—	—	7	24	37·0	—	40·1	—
Richmond § (Kew Obs.)	5·5	+1·7	45	6	14	38·8	− 3·4	41·5	− 2·3
Wisley §	5·8	+1·7	47	7	11	41·0	− 1·2	40·9	− 2·4
Tunbridge W'ls §	5·4	+1·0	44	7	11	40·8	—	41·9	—
Margate §	7·5	+3·1	62	3	25	40·3	− 2·9	41·9	− 2·0
Folkestone §	5·4	—	44	5	24	—	—	43·6	—
St. Leonards §	5·4	+0·7	44	5	25	41·0	—	42·1	—
Worthing §	5·0	+0·1	41	5	23	40·4	− 3·1	42·8	− 1·8
Ventnor §	5·5	+0·5	45	—	—	—	—	—	—
Southampton §	5·6	+1·1	46	5	21	—	—	—	—
Marlborough §	6·0	+2·4	49	5	—	39·7	—	42·6	—
Porton	5·8	—	48	5	14	39·0	—	—	—
Aspatria §	4·7	+0·5	38	6	19	38·3	− 2·5	40·6	− 1·8
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	4·4	+0·6	36	4	17	—	—	—	—
Blackpool §	4·8	+0·1	39	6	14	39·0	—	41·4	—
Southport §	5·3	+0·8	43	5	18	37·7	− 3·4	39·7	− 2·3
Whitworth Pk.	2·9	+0·2	24	—	—	—	—	—	—
Oldham Road	2·9	0·0	24	2	26	36·6	− 3·5	40·2	− 2·4
Bidston ..	5·0	—	41	7	24	—	—	—	—
(Ches.)Hoylake §	5·4	+1·3	45	—	—	—	—	—	—
Llandudno §	5·9	+1·4	48	—	—	—	—	—	—
Holyhead ..	5·6	—	46	3	22	—	—	—	—
Aberystwyth §	5·8	+1·5	48	—	—	—	—	—	—
St. Ann's Hd. §	4·5	+0·2	37	—	—	—	—	—	—
Rhayader §	5·0	—	41	6	12	—	—	—	—
Cardiff ...	5·5	—	45	4	20	39·5	− 2·8	41·6	− 1·9
Bath .. §	5·7	+1·3	47	—	—	40·0	—	41·7	—
Shaftesbury ..	—	—	—	—	—	—	—	42·3	—
Weymouth ..	5·2	—	43	—	—	—	—	—	—
Cullompton §	5·0	+0·7	41	5	15	41·6	—	—	—
Plymouth §	5·9	+1·1	48	3	25	41·6	− 3·1	44·0	—
Newquay §	5·1	+0·3	41	—	—	42·5	—	44·7	—
Falmouth §	5·7	+0·7	47	2	28	45·2	—	45·6	—
Malin Head ..	4·1	—	34	—	—	—	—	—	—
Mallaranny ..	—	—	—	—	—	—	—	—	—
Markree Castle §	—	—	—	5	18	42·6	− 0·7	43·7	− 0·2
Armagh §	3·4	− 0·4	28	5	17	40·6	− 1·5	4·2	− 1·1
Trinity Coll.	—	—	—	5	21	41·2	− 2·2	43·0	− 1·5
Phœnix Park §	4·2	− 0·1	35	6	15	—	—	—	—
Dublin City ..	—	—	—	4	23	—	—	—	—
Birr Castle §	5·7	+1·9	47	5	16	—	—	—	—
Seskin ..	4·4	—	36	3	24	—	—	—	—
Cahirciveen (Valencia O.)§	2·1	− 2·2	17	2	29	—	—	—	—
Ballinacurra §	4·3	− 0·5	35	—	—	—	—	—	—
St. Mary's §	5·0	+0·3	41	—	—	—	—	—	—
Grange §	6·8	+1·8	56	3	26	44·0	− 1·7	44·8	− 1·4
St. Helliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, March 22nd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	16, 19 to 21	27	61	55	20	5	190	35	16	20	14	53	24	20	14	50
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	16, 19	5	89	65	9	0	40	26	12	19	2	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	72	80	16	0	40	21	10	19	12	37	17	18	3	45
Edinburgh Edinburgh ...	485	39	31	—	0	19	2	31	81	54	0	260	26	12	19	4	38	17	19	5	20
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	3	88	77	0	230	16	7	19	4	27	12	19	6	30
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	12	89	67	0	200	16	7	22	16	27	12	22	16	0
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	19, 20	4	29	117	18	0	280	26	12	19	9	41	18	19	9	35
York, E.R. Spurn Head ...	67	41	‡	—	0	16	4	98	54	12	0	360	26	12	16	14	37	17	16	13	50
Lincoln Cranwell ...	280	43	31	—	0	—	0	21	(126)	(21)	0	360	16	7	16	13	17	8	20	15	55
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	20, 21	7	49	87	25	0	100	26	12	20	23	35	16	16	15	20
Essex Shoeburyness...	103	90	‡	—	0	20, 21	13	40	95	20	0	90	29	13	20	23	35	16	21	0	0
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	29	61	78	0	80	23	10	20	13	33	15	20	13	35
Kent Lympne ...	409	70	‡	—	0	20	6	40	106	16	0	60	25	11	20	10	36	16	20	10	0
Surrey Croydon ...	284	40	24	—	0	—	0	21	104	43	0	90	22	10	20	14	33	15	20	12	55
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	25	102	41	0	70	18	8	20	17	25	11	22	14	20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	52	81	35	0	80	23	10	20	14	38	17	20	7	20
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	—	0	44	(124)	(0)	0	60	22	10	20	7	29	13	20	6	55
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	49	88	31	0	310	21	9	17	17	29	13	16	7	10
Lancashire Southport ...	80	62	48	—	0	—	0	47	94	27	0	320	22	10	16	14	31	14	22	12	25
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	45	92	31	0	60	20	9	20	16	31	14	22	12	10
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	20, 22	13	43	74	25	13	—	29	13	20	12	49	22	20	13	55
Cornwall Pendennis Castle§ ..	256	65	24	20	6	19, 20, 22	26	65	59	12	0	90	43	19	20	13	55	25	20	13	35
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	31	113	24	0	140	21	9	22	24	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	20	1	44	102	21	0	—	23	10	20	14	34	15	20	14	5
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	65	79	24	0	130	22	10	21	6	34	15	21	6	25
Cork Weaver Pt. ...	160	30	‡	—	0	20	6	67	79	16	0	—	27	12	20	11	37	17	20	10	45
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	—	0	19, 20, 22	27	88	34	19	0	100	36	16	20	11	49	22	20	11	30

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.
§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	8	11	4·7	8	6	2·9	9	5	2·3	6	6	2·6	8	10	4·3	24	8	3·5	15	8	3·4	13	7	3·3
North	17	11	4·9	11	6	2·9	12	8	3·5	12	5	2·3	11	8	3·5	2	3	1·5	8	5	2·1	7	4	1·7
West	18	7	3·3	12	9	4·0	13	6	2·9	7	5	2·1	9	5	2·0	3	5	2·4	5	7	3·0	5	4	1·8
East	7	8	3·5	3	5	2·3	8	15	6·6	10	11	4·7	14	7	3·3	22	16	7·1	15	6	2·6	16	10	4·3
Calm (or wind-speed < 4 m.p.h.)	2	—	—	9	—	—	6	—	—	9	—	—	4	—	—	2	—	—	5	—	—	6	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 27th March, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

C.3

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

53

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) No. 13.

THIRTEENTH WEEK.
SUNDAY, MARCH 23RD TO SATURDAY, MARCH 29TH, 1924.

Price 9d. Net, Post free 9½d.
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METEOROLOGICAL OFFICE 7 APR 1924

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
THIRTEENTH WEEK of 1924—March 23rd to March 29th, 1924.																			
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	48	24	43·4	35·1	39·1	− 1·4	4	− 11	24	− 1	2	− 3	0·12	3	− 18	1·4	− 2·5	11	1003
Eastern.																			
1. SCOTLAND, EAST ..	47	21	41·0	33·4	37·1	− 3·4	0	− 19	34	+ 6	3	− 1	0·46	12	− 1	1·0	− 3·0	8	1002
2. ENGLAND, N.E. ..	55	23	44·0	36·4	40·1	− 1·9	6	− 15	19	− 2	3	− 1	0·46	12	+ 2	1·3	− 3·1	10	1000
3. ENGLAND, EAST ..	59	30	47·3	38·5	42.8	− 0·1	15	− 12	10	− 11	3	0	0·22	6	− 2	1·9	− 2·8	15	1000
4. MIDLAND COUNTIES	57	28	46·7	38·7	42·6	− 0·2	13	− 15	9	− 14	3	0	0·34	9	− 1	0·8	− 3·4	6	999
5. ENGLAND, S.E. ..	59	33	48·1	40·9	44·4	+0·4	20	− 9	3	− 12	4	+ 1	0·58	15	+ 6	1·3	− 3·5	10	998
Western.																			
6. SCOTLAND, WEST[1] ..	50	23	44·3	36·2	40·1	− 1·8	6	− 15	20	0	2	− 2	0·57	14	− 6	1·6	− 2·9	13	1001
7. ENGLAND, N.W.[2] ..	55	29	46·6	39·1	42·7	0·0	13	− 9	8	− 9	2	− 2	0·48	12	− 3	1·9	− 2·6	15	998
8. ENGLAND, S.W.[3] ..	58	32	48·8	41·9	45·2	+1·1	23	− 5	0	− 14	4	0	0·57	14	− 1	1·2	− 3·6	10	997
9. IRELAND, NORTH ..	59	35	46·9	41·1	43·9	+0·8	16	− 7	3	− 13	3	− 2	0·26	7	− 11	0·8	− 3·3	7	999
10. IRELAND, SOUTH ..	59	35	50·3	43·7	46·9	+2·2	34	+ 3	0	− 13	3	− 1	0·28	7	− 12	0·6	− 4·1	4	996
11. CHANNEL ISLANDS[4]	58	39	50·6	44·9	47·7	+0·8	40	+ 3	0	− 4	6	+ 2	1·18	30	+18	1·3	− 4·6	10	996
MEAN: DISTRICTS 1-10	59	21	46·4	39·0	42·6	− 0·3	15	− 10	11	− 8	3	− 1	0·42	11	− 3	1·2	− 3·2	10	999
THE SEASON (Spring).—Aggregates, &c., for the Period of 4 Weeks, March 2nd to March 29th, 1924.																			
0. SCOTLAND, NORTH ..	60	12	43·7	32·5	37·9	− 1·5	26	− 16	140	+26	12	− 8	1·74	44	− 56	2·5	− 0·7	21	1009
Eastern.																			
1. SCOTLAND, EAST ..	60	2	43·1	30·1	36·4	− 3·1	22	− 32	179	+53	9	− 8	0·86	23	− 34	3·3	− 0·3	27	1010
2. ENGLAND, N.E. ..	57	16	45·3	39·7	37·8	− 3·1	40	− 28	159	+60	7	− 9	0·85	22	− 19	4·5	+ 0·5	37	1012
3. ENGLAND, EAST ..	61	20	47·0	32·5	39·5	− 1·9	56	− 28	125	+26	8	− 6	0·64	16	− 23	5·5	+ 1·5	46	1013
4. MIDLAND COUNTIES	60	19	47·9	30·5	38·9	− 2·4	67	− 19	154	+49	8	− 6	1·08	28	− 14	4·5	+ 0·9	37	1012
5. ENGLAND, S.E. ..	60	20	48·4	34·1	41·1	− 1·4	75	− 13	100	+24	9	− 5	1·27	32	− 13	5·7	+ 1·6	48	1012
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	46·3	31·7	38·7	− 2·3	48	− 13	139	+51	5	− 12	1·19	29	− 54	4·0	+ 0·3	34	1011
7. ENGLAND, N.W.[2] ..	61	21	47·1	33·7	40·2	− 1·3	60	− 6	111	+31	7	− 9	1·11	28	− 30	5·0	+ 1·3	42	1010
8. ENGLAND, S.W.[3] ..	61	15	48·8	35·5	41·9	− 0·9	81	− 7	82	+15	10	− 6	1·82	46	− 21	5·3	+ 1·2	45	1010
9. IRELAND, NORTH ..	62	18	47·7	35·3	41·3	− 0·8	70	− 5	88	+14	10	− 9	0·84	22	− 45	3·9	+ 0·4	33	1009
10. IRELAND, SOUTH ..	63	21	49·5	37·5	43·3	− 0·2	99	− 2	62	+ 2	10	− 6	1·17	30	− 41	3·8	− 0·2	31	1008
11. CHANNEL ISLANDS[4]	58	30	50·4	41·1	45·6	+0·1	119	− 1	19	− 4	12	− 5	2·15	56	− 1	6·1	+ 1·2	51	1009
MEAN: DISTRICTS 1-10 ..	63	2	47·1	33·2	39·9	− 1·7	62	− 15	120	+33	8	− 8	1·08	28	− 29	4·5	+ 0·7	38	1011
THE YEAR. Aggregates, &c., for the Period of 13 Weeks, December 30th, 1923, to March 29th, 1924.																			
0. SCOTLAND, NORTH ..	60	12	43·6	34·9	39·3	+0·8	84	− 12	334	− 86	56	− 10	10·19	259	−116	1·5	− 0·4	16	1009
Eastern.																			
1. SCOTLAND, EAST ..	60	2	42·7	32·6	37·6	− 0·4	70	− 41	467	− 12	48	− 5	4·81	124	− 60	2·1	− 0·4	22	1011
2. ENGLAND, N.E. ..	57	16	43·4	33·2	38·3	− 1·0	85	− 53	424	+37	37	− 13	4·02	103	− 27	2·5	− 0·1	26	1014
3. ENGLAND, EAST ..	61	18	43·7	33·6	38·6	− 0·7	97	− 68	403	− 5	41	− 8	4·37	111	− 17	2·9	+ 0·1	29	1015
4. MIDLAND COUNTIES	60	15	44·7	32·9	38·8	− 0·5	124	− 50	419	− 2	41	− 8	5·12	130	− 18	2·5	+ 0·1	25	1014
5. ENGLAND, S.E. ..	60	17	45·3	34·9	40·2	− 0·4	149	− 43	318	− 3	39	− 9	4·88	125	− 34	3·2	+ 0·4	32	1015
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	44·8	34·3	39·6	− 0·3	123	− 15	346	+16	47	− 12	8.46	213	− 95	2·3	− 0·1	23	1013
7. ENGLAND, N.W.[2] ..	61	21	45·0	35·5	40·3	+0·1	131	− 19	292	− 24	43	− 10	5·58	141	− 65	2·7	+ 0·3	28	1013
8. ENGLAND, S.W.[3] ..	61	14	46·4	36·4	41·4	− 0·2	185	− 31	237	− 18	45	− 9	8·22	208	− 36	3·1	+ 0·4	31	1014
9. IRELAND, NORTH ..	62	18	46·8	37·1	42·0	+0·9	203	+16	202	− 68	55	− 8	6·80	174	− 65	2·3	0·0	24	1011
10. IRELAND, SOUTH ..	63	21	48·2	38·3	43·3	+0·7	271	+ 3	157	− 58	50	− 7	8·87	224	− 39	2·3	− 0·4	23	1012
11. CHANNEL ISLANDS[4]	58	30	48·7	41·2	45·0	+0·4	337	+ 6	69	− 28	51	− 8	8·15	209	+ 2	3·4	+ 0·1	34	1014
MEAN: DISTRICTS 1-10 ..	63	2	45·1	34·9	40·0	− 0·2	144	− 30	327	− 14	45	− 9	6·11	155	− 46	2·6	0·0	26	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual." &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales)	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Very Light	Moderate	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate	Moderate	Light	Light	Very Heavy
	Sunshine ..	Very Scanty	Very Scanty	Very Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 4 weeks from March 2nd, 1924	Warmth ..	1, 1, 2	0, 1, 3	0, 2, 2	0, 2 2	0, 2. 2	0, 2. 2	1, 1, 2	1, 1, 2	0, 3, 1	1, 2, 1	1, 2, 1	0, 3, 1
	Rainfall ..	0. 1. 3	0, 2, 2	0, 1. 3	0, 2. 2	0, 3, 1	1, 2, 1	0, 2, 2	0, 3, 1	0, 3, 1	0, 0, 4	0, 1, 3	1, 2, 1
	Sunshine ..	0, 3, 1	1, 2. 1	1, 2, 1	3, 0. 1	3, 0, 1	3. 0. 1	2, 1, 1	3, 0. 1	3, 0. 1	3, 0. 1	2, 1, 1	3, 0, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The general character of the weather during the week was dull and unsettled. Slight showers of snow and hail fell in places and in parts of Scotland "snow lying" was reported, the depth at Balmoral being about 2 ins. Thunder was heard at Skegness on the 23rd. The winds were westerly or south-westerly at first, but during the second half of the week they were easterly or north-easterly. Among the largest measurements of precipitation, which mostly occurred on the 23rd, were 32mm. at Douglas (Isle of Man), 20mm. at Tenby, 19mm. at Arlington (Devon) and 15mm. at Dumfries, Durham, Marchmont (Berwick) and Tynemouth. The total amount for the week was in excess of the normal in England S.E., England N.E. and the Channel Islands, but in other parts of the country the District Value was below normal. Temperature did not reach 50°F. in Scotland, but at several of the English and Irish stations maximum readings of nearly 60°F. were recorded on various dates during the week. The lowest screen minimum temperature, 21°F., was registered at Balmoral on the 29th, but ground frosts occurred at several places and at one or two stations, notably in Scotland and the north-east of England, grass minimum temperatures below 20°F. were obtained, the lowest reading being 14°F. at Rounton (N. Riding) on the 28th. The mean temperature for the week was below the normal in Scotland and the eastern and north-eastern parts of England but in most other Districts it was above normal. The total amount of sunshine for the week was considerably below the normal in all parts of the country and at two or three places the week was almost sunless. Fog was reported at a number of stations in various parts of our Islands. A lunar halo was seen at Gorleston on the 23rd. The Zodiacal Light was observed at Oxford on the 29th and at Stonyhurst on the 27th and 29th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	*Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F.		°F		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	43	26th	31	29th	41·1	35·0	38·0	- 1·3	3	0·20	5	- 10
Orkneys	Deerness	160	p	43	25, 27, 28	32	29th	41·7	34·4	37·9	- 2·1	4	0·11	3	- 11
Hebrides	Stornoway ¶	51	t	45	25, 26	32	29th	43·7	36·7	40·1	- 0·7	1	0·13	3	- 17
	Castlebay	37	t	47	25, 26	39	29th	45·3	41·0	43·1	—	1	0·08	2	—
Caithness	Wick ... ¶	81	t	43	26, 27	33	27, 29	41·1	35·9	38·4	- 1·9	3	0·09	2	- 10
Ross and Cromarty	Strathpeffer ¶	125	a	47	27th	26	28th	43·3	33·4	38·2	- 2·6	2	0·22	6	- 7
	Achnashellach ¶	225	h	46	27th	25	29th	43·6	34·4	38·9	—	0	0·00	0·1	—
Inverness	Inverness	242	h	45	25th	31	29th	41·9	34·3	38·0	—	2	0·24	6	—
	Fort Augustus ¶	68	a	48	25, 26	24	29th	44·9	33·9	39·2	- 1·7	2	0·09	2	- 15
	Onich ... ¶	48	h	48	29th	29	29th	46·1	36·3	41·1	—	2	0·08	2	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	46	25th	29	29th	42·7	33·9	38·2	- 2·4	2	0·17	4	- 6
Elgin	Gordon Castle ¶	101	p	45	27th	29	29th	42·3	33·4	37·7	- 3·4	2	0·17	4	- 8
Aberdeen	Aberdeen ... ¶	46	t	44	27th	31	29th	41·1	35·9	38·4	—	2	0·52	13	0
	Balmoral ... ¶	930	a	41	27, 29	21	29th	37·9	29·4	33·5	- 3·7	4	0·51	13	- 3
Perth	Crieff ... ¶	478	p	47	29th	28	29th	41·4	33·1	37·1	- 4·2	3	0·56	14	- 2
Forfar	Dundee	147	a	45	29th	32	29th	41·7	34·9	38·2	—	4	0·36	9	—
Fife	Inchkeith ... ¶	190	t	45	29th	34	29th	41·3	36·3	38·7	—	4	0·66	17	—
Midlothian	Edinburgh ...	441	p	41	27th	30	29th	39·9	34·7	37·2	- 3·6	3	0·75	19	+10
Peebles	West Linton ¶	770	a	44	23rd	22	29th	41·0	32·1	36·4	- 1·7	3	0·35	9	—
Berwick	Marchmont ¶	498	a	43	23rd	30	29th	40·1	33·4	36·7	- 3·4	3	0·71	18	+ 4
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	48	29th	23	29th	45·3	35·6	40·3	—	1	0·07	2	—
Renfrew	Renfrew ... ¶	36	t	47	29th	25	29th	43·1	35·1	39·0	—	2	0·39	10	—
Bute	Rothesay ... ¶	200	p	45	29th	31	29th	42·6	35·3	38·8	- 3·5	3	0·43	11	- 10
Ayr	Kilmarnock ¶	90	a	47	29th	28	29th	44·3	35·6	39·8	- 1·4	2	0·37	9	- 6
	Colmonell... ¶	170	a	49	23rd	31	29th	45·3	37·7	41·4	- 0·3	2	0·49	12	- 7
Dumfries	Dumfries ... ¶	140	p	48	23rd	29	29th	43·4	34·9	39·0	- 3·0	3	0·84	21	+ 5
	Eskdalemuir ...	794	t	45	23rd	23	29th	40·1	32·1	36·0	—	3	0·63	16	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.		Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Grass Min.: Lowest Reading	Earth 1 ft.: Mean	Earth 1 ft.: Deviation from normal	Earth 4 ft.: Mean	Earth 4 ft.: Deviation from normal
		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..		4·0	—	31	—	—	—	—	—	—
Deerness	§	0·8	- 3·5	6	—	—	—	—	—	—
Stornoway	§	1·8	- 2·7	14	—	—	—	—	—	—
Castlebay ..		2·3	—	18	—	—	—	—	—	—
Achnashellach		—	—	—	4	15	—	—	—	—
Inverness	§	1·7	—	13	2	25	—	—	—	—
Onich ...		1·4	—	11	1	18	—	—	—	—
Nairn	§	1·1	—	8	—	—	—	—	—	—
Gordon Castle		0·9	—	7	—	—	—	—	—	—
Aberdeen	§	0·9	- 3·4	7	1	27	—	—	39·6	- 0·9
Balmoral		—	—	—	5	18	—	—	—	—
(Kinc). Crathes	§	0·8	- 3·3	6	1	23	36·9	—	38·5	—
Dundee	§	0·7	—	5	1	25	38·0	—	—	—
Inchkeith ...		2·1	—	16	—	—	—	—	—	—
Edinburgh	§	1·7	- 2·3	13	1	22	—	—	—	—
West Linton		—	—	—	5	18	—	—	—	—
Marchmont	§	0·9	- 3·1	7	—	—	—	—	—	—
Ford ..		—	—	—	2	20	39·4	—	40·3	—
Renfrew ..		1·5	—	11	1	16	—	—	—	—
Rothesay	§	1·9	- 2·2	15	1	23	39·6	—	41·0	- 1·5
Kilmarnock ..		1·2	—	9	—	—	40·0	—	41·1	—
Colmonell ..		—	—	—	1	25	—	—	—	—
Dumfries .		1·1	—	9	2	20	39·8	- 1·2	40·1	- 1·6
Eskdalemuir	§	1·1	- 3·2	9	3	18	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	50	24th	35	28th	45·9	39·3	42·5	+ 0·1	2	1·40	35	+18
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	55	23rd	23	29th	42·4	31·6	36·8	− 3.2	4	0·55	14	+ 1
	Tynemouth ¶	118	t	43	23, 27	34	28th	41·4	37·6	39·4	− 2 1	3	0·65	16	+ 7
Durham	Durham ... ¶	336	p	49	23rd	31	25, 29	42·1	34·0	37·9	− 3·2	3	0·66	17	+ 7
York,	Rounton ... ¶	249	p	50	23rd	26	28th	43·4	34·7	38·9	− 2·1	3	0·46	12	+ 2
N. Riding	West Witton ...	605	a	49	23rd	26	28th	42.1	34·1	38·0	—	2	0·60	15	—
	Scarborough ¶	118	h	49	23, 24	34	28th	44·6	38·0	41·2	− 1·2	3	0·44	11	+ 1
	York ... ¶	56	p	51	23rd	33	28th	45·3	37·4	41 2	− 1·6	2	0·48	12	+ 2
E. Riding	Spurn Head ¶	26	t	50	23rd	35	27, 28	44·1	38·1	41·0	− 1·2	2	0·32	8	+ 1
Lincoln	Lincoln ... ¶	58	a	55	23rd	34	28th	46 6	39·4	42 9	− 0·1	2	0·18	5	− 4
	Cranwell ... ¶	236	t	55	23, 24	29	29th	46 3	37·0	41·5	− 1·4	2	0·37	9	0
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	55	23rd	34	27, 28	45·8	38·0	41·8	− 0·9	3	0·16	4	− 2
	Yarmouth ¶	13	t	56	23rd	36	27, 28	45·7	38·1	41·8	− 0·5	3	0·12	3	− 5
	Norwich ... ¶	93	a	58	23rd	31	29th	48·1	38·6	43·2	0·0	3	0·11	3	− 6
	Geldeston ... ¶	37	a	58	23rd	32	29th	46·5	37·3	41·8	− 1·2	1	0·28	7	− 1
Cambridge	Cambridge ¶	41	p	59	23, 24	32	29th	50·4	38·9	44·5	+1·0	1	0 06	2	− 5
Hertford	Rothamsted ¶	420	a	56	23rd	30	29th	47 1	38·7	42·8	+0·1	3	0·55	14	+ 5
Middlesex	Tottenham ¶	51	p	57	23rd	32	29th	49·7	39·0	44·2	—	3	0·21	5	—
Essex	Clacton-on-Sea ¶	55	t	54	25th	36	27–29	45·4	39·0	42·1	− 0·6	4	0·24	6	− 1
	Southend	90	h	55	23, 25	35	29th	47·0	39·9	43·4	—	3	0·14	3	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	48	23rd	28	28th	41·9	34 3	38·0	− 3·3	2	0·56	14	+ 2
W. Riding	Sheffield	429	p	52	23rd	33	27th	44·6	36·7	40·5	—	3	0·33	9	− 3
Derby	Buxton	987	p	50	23rd	31	27, 28	43·3	36·3	39·7	− 0·1	3	0·30	7	− 12
Nottingham	Worksop (Hods'ck) ¶	56	a	54	23rd	34	27, 28	46·7	38·6	42·5	− 0·5	2	0·23	6	− 3
	Nottingham ¶	82	t	56	23rd	34	27th	46·4	39·1	42·6	− 0·3	2	0·37	9	+ 1
Warwick	Birmingham (Edg) ¶	525	t	55	23, 24	33	27, 28	46·1	39 1	42·5	− 0·2	4	0·32	8	− 2
Northampton	Oundle ... ¶	147	a	57	23rd	31	29th	46·9	37·6	42·1	—	4	0·12	3	—
Oxford	Oxford ... ¶	208	p	57	23rd	31	29th	49 0	40 0	44·4	+0·7	2	0·34	9	0
Stafford	Cheadle ... ¶	646	a	52	23rd	31	27, 28	44·9	35 1	40 4	− 1·3	2	0 34	9	− 3
Worcester	Tenbury ... ¶	313	p	55	23, 24	34	27–29	48·0	39·9	43·8	+0·7	2	0.42	11	+ 3
	Malvern	377	h	56	23, 25	33	29th	47 4	40·0	43·0	—	4	1·09	28	—
Hereford	Hereford ... ¶	291	a	57	24th	33	27–29	47·4	39·9	43·5	− 0·1	3	0·19	5	− 5
Gloucester	Clifton ... ¶	225	a	56	23, 25	35	28th	49·4	42·3	45·8	+1·4	3	0·52	13	0
5. ENGLAND, S.E.															
London	Westminster ...	27	a	58	24th	34	29th	49·3	41·6	45·3	+0·5	3	0·19	5	− 2
	Greenwich ‡ ...	149	a	59	23, 24	33	29th	49·3	40·3	44·7	+0·6	3	0·34	9	+ 1
	Hampstead ...	450	a	54	23rd	31	29th	47·4	39·1	43·1	—	3	0·29	7	—
	Camden Square ...	110	a	57	23rd	32	29th	48·7	40 7	44·6	− 0·2	3	0·27	7	− 1
Surrey	Richmond (Kew O) ¶	18	t	57	23rd	24	29th	48·9	41·2	44 9	+0·9	3	0·50	10	+ 3
	Wisley ... ¶	150	a	57	24th	33	29th	48·3	40·9	44·5	+1·0	3	0·21	5	− 3
Kent	Tunbridge Wells ¶	354	h	55	23–25	34	29th	47 7	40·0	43 7	+0 4	4	1 17	30	+21
	Margate ... ¶	51	h	59	23, 24	36	28th	46·6	40·6	43·5	− 0·5	4	0·32	8	+ 1
	Dungeness ¶	21	t	52	25th	38	27th	46 1	41·7	43·8	+0·6	5	1·07	27	+20
Sussex	St. Leonards ¶	178	h	53	25th	36	27, 28	46·3	41 0	43·6	− 0·3	5	0·98	25	+16
	Worthing... ...	36	h	57	25th	36	27th	48.0	41·4	44·6	—	3	0·66	17	—
I. of Wight	Ventnor ... ¶	59	a	56	25th	36	27–29	48·1	41·1	44·5	− 0·8	4	0·49	13	+ 4
Hampshire	Southampton ¶	64	p	57	23, 25	25	27–29	50 3	41·0	45 5	+0·3	4	0·45	11	+ 1
Wiltshire	Marlborough ¶	424	a	55	24, 25	34	27–29	48·6	41·0	44·7	+2·4	3	0·30	8	− 3
	Porton ... ¶	363	a	58	25th	34	27–29	49·7	40·6	45·0	—	3	0 38	10	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e) ¶	487	p	49	23rd	29	28th	42·6	34·6	38·5	− 3·1	2	0·89	23	+ 6
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	50	23rd	31	28th	44·7	37 4	40·9	− 0·7	2	0·77	20	− 1
	Blackpool... ¶	66	h	50	23, 25	29	28th	46·4	37·6	41·9	− 0·5	2	0·54	14	0
	Southport ¶	37	h	51	23rd	30	27th	47·1	38·1	42·5	− 0·2	2	0·38	10	− 3
Manchester	Whitworth Pk. ¶	125	p	53	23rd	34	27th	47·4	39·7	43·4	− 0·2	2	0·39	10	− 4
Cheshire	Liverp'l (Bidston) ¶	189	a	54	25th	35	27–29	47·6	39·6	43·5	+0·3	2	0·26	7	− 5
7b. NORTH WALES.															
Flint	Hawarden Bridge ¶	22	a	55	23, 24	35	28th	49·1	42 0	45·5	+1·6	1	0·20	5	− 4
Carnarvon	Llandudno ¶	22	h	53	24, 25	34	28th	48 0	41·0	44·4	+0·4	3	0·41	10	− 3
Anglesey	Holyhead ... ¶	26	t	51	24th	35	28th	46·4	41·0	43·6	0·0	1	0·48	12	− 3
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	52	23, 25	35	28, 29	48·9	41·1	44 9	—	2	0·39	8	—
Pembroke	St. Ann's Hd. ¶	150	t	51	25, 26	33	28th	47·4	41·4	44·3	+0·3	3	0·44	11	− 1
Radnor	Rhayader... ¶	757	a	52	23–25	32	27th	45·9	39·7	42·7	—	3	0·16	4	—
Glamorgan	Cardiff ... ¶	202	p	56	23–25	35	27–29	50·4	40·7	45·4	+1·9	2	0·28	7	− 9
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	58	23, 25	35	28th	51·1	43·0	46·9	+3 0	3	0·43	11	− 1
Dorset	Shaftesbury ¶	722	a	55	25th	32	27, 28	47·4	39·4	43·3	+0·8	3	0·27	7	− 5
	Portland Bill ¶	19	t	52	25, 26	38	28, 29	47·6	43·1	45·3	+0 8	4	0·44	11	+ 2
Devon	Arlington ... ¶	613	a	58	25th	33	28th	49·3	41·0	45·0	+2·3	3	0·96	24	+ 5
	Cullompton ¶	202	a	58	24th	36	28, 29	51 3	42·7	46·9	+2·7	4	0 68	17	+ 3
	Plymouth... ¶	116	p	51	23, 25	36	28th	48 6	43 4	45 9	+0·5	5	0·74	19	+ 5
Cornwal	Newquay	190	h	56	24th	37	28, 29	50·5	43 9	47·1	+1 8	4	0·65	17	+ 5
	Falmouth... ¶	167	h	55	23, 24	38	28th	49·0	44·3	46·6	+1·2	6	1·32	34	+17
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	48	23rd	38	28, 29	44·1	40·4	42 2	− 0·5	2	0 09	2	− 13
Mayo	Blacksod Point ¶	10	t	56	25th	39	27–29	48·7	41·4	44·9	+0·8	3	0·20	5	− 19
	Mallarany ...	120	a	59	25th	37	28, 29	50·6	42·3	46·3	—	3	0·29	7	—
Sligo	Markree Castle ¶	122	p	57	25th	35	29th	50 4	41·4	45·8	+2·9	3	0·66	17	− 3
Armagh	Armagh ... ¶	204	p	49	23, 24	36	28th	45·3	39 7	42·4	− 0 2	3	0·21	5	− 10
Down	Donaghadee ¶	35	t	46	23rd	36	28th	43·3	40·7	42·0	− 1·0	2	0·33	9	− 6
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	56	24th	38	28th	49 0	43·0	45 9	+1·0	2	0·12	3	− 10
King's County	Birr Castle ¶	175	t	59	24th	35	29th	49 9	43·0	46 4	+3·2	3	0 08	2	− 13
Kilkenny	Kilkenny ... ¶	195	a	58	24th	37	29th	50·9	43·1	46·9	+3·2	2	0·16	4	− 11
Waterford	Waterford ¶	137	a	58	24th	37	28th	50·6	42·9	46·6	+2·1	3	0 28	7	− 10
	Seskin, Carrick-on-Suir	542	p	59	24th	35	28, 29	48·6	41·4	44·9	—	4	0·32	8	—
Limerick	Foynes ... ¶	50	a	55	23–25	37	29th	50·4	44·7	47·5	+2·6	5	0·27	7	− 11
Kerry	Cahirciveen ¶	30	t	57	25th	35	29th	51·4	45·1	48·2	+2·4	2	0·13	3	− 24
	Killarney ... ¶	174	a	57	25th	37	29th	51·4	43·9	47·5	+2·4	4	0·46	12	− 15
Cork	Roche's Point ¶	32	t	53	26th	38	28, 29	48·6	43·7	46·1	+0·9	4	0·75	19	0
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	54	24–26	39	28, 29	49·9	44·6	47·2	+0·2	6	0·96	24	+12
Guernsey	Grange ... ¶	173	p	58	24th	41	29th	51·0	45·1	48 0	+1·0	6	1·29	33	+21
Jersey	St. Aubins ¶	36	t	—	—	—	—	—	—	—	—	—	—	—	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from norm	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	2·0	− 3·2	16	0	31	—	—	—	—
Cockle Park §	0·7	− 3·7	6	4	19	38·1	− 1·6	38·1	− 2·6
Tynemouth ..	—	—	—	0	32	—	—	—	—
Durham §	0·6	− 3·4	5	2	18	—	—	—	—
Rounton ..	—	—	—	3	14	38·4	—	—	—
West Witton	—	—	—	3	19	34·5	—	36·8	—
Scarborough 1§	1·5	− 2·9	12	1	27	—	—	40·4	—
York §	0·6	− 3·2	5	—	—	39·9	− 1·9	39·9	− 2·2
Spurn Head ..	2·3	—	18	—	—	—	—	—	—
Lincoln ..	—	—	—	0	32	41·2	− 0 2	40·3	− 1·7
Cranwell §	1·2	− 3·3	10	1	23	—	—	—	—
Skegness §	3 0	− 1·9	24	—	—	—	—	—	—
Cromer §	3·3	− 1·7	26	—	—	—	—	—	—
Yarmouth §	2 8	—	22	0	32	42·6	− 1·0	42·1	− 2·5
Norwich ..	2·9	—	23	1	22	40·8	—	—	—
Geldeston §	2·6	− 2·2	20	—	—	—	—	—	—
Cambridge §	1·8	− 2·9	14	1	25	43·0	− 0 4	41·7	− 2·3
Rothamsted §	1·1	− 3·3	9	1	26	41·5	—	—	—
Tottenham §	0·4	—	3	—	—	—	—	—	—
Clacton-on-Sea §	1·3	− 3·8	10	0	35	42·8	− 0·9	42·6	− 2·3
Southend ..	1·5	—	12	0	33	43·2	—	—	—
Harrogate §	0·2	− 4 3	1	3	19	38·7	− 1 7	38·7	− 2·4
Sheffield §	0·3	− 3·6	2	0	32	38·4	− 2·3	38·4	− 2·8
Buxton ...	0·7	—	5	0	32	38·9	− 0·8	38·6	− 2·1
Worksop §	1·2	− 2·7	10	1	28	41·3	—	40·6	—
Nottingham §	0·8	− 3·4	6	0	34	40·2	− 0.9	38·7	− 2·2
Birmingham §	0·4	− 2·9	3	1	30	41·6	+0·4	42 2	− 1·0
Oundle ...	1·5	—	11	1	26	41·4	—	40·6	—
Oxford §	1·3	− 3·0	11	1	26	—	—	—	—
Cheadle ...	—	—	—	5	27	—	—	—	—
Tenbury ...	—	—	—	0	31	42·9	—	—	—
Malvern... ...	1·0	—	8	1	26	42·9	—	41·0	—
Ross on Wye §	1·1	—	9	1	28	44·1	—	42·4	—
Clifton §	1·0	—	8	0	37	—	—	—	—
Westminster	0·8	− 2·5	6	0	31	—	—	—	—
Greenwich ..	0·8	− 3·5	6	1	25	—	—	—	—
Hampstead ..	0·8	—	6	2	24	—	—	—	—
Camden Square	—	—	—	1	27	42 0	—	40·7	—
Richmond § (Kew Obs.)	1·1	− 3·2	9	1	30	42·5	+0·6	42·4	− 1·8
Wisley §	0·9	− 3·6	7	1	26	44·3	+1·4	42·2	− 1·5
Tunbridge W'ls§	0·9	− 4 0	7	0	31	43·8	—	42 8	—
Margate §	1·5	− 3·4	12	0	35	44·1	+0·4	43·2	− 1·1
Folkestone §	1·2	—	10	—	—	—	—	43·6	—
St. Leonards §	1·2	− 4·1	10	0	34	44·6	—	42·9	—
Worthing §	1·3	− 4·1	10	0	35	45·0	+0·7	43·5	− 1·5
Ventnor §	1·6	− 3·8	13	—	—	—	—	—	—
Southampton §	1·7	− 3·3	13	0	36	—	—	—	—
Marlborough §	1·6	− 1·5	13	0	35	44·9	—	43·6	—
Porton	1·7	—	14	0	34	44·6	—	—	—
Aspatria §	0·9	− 3·6	7	2	25	40·5	− 1·1	41·0	− 1·6
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·9	− 2·3	15	1	27	—	—	—	—
Blackpool §	2·6	− 2·5	20	2	25	41·8	—	41·9	—
Southport §	1·8	− 3·1	14	2	23	41·7	− 0·5	40 7	− 1·9
Whitworth Pk.	2 5	− 0·7	20	—	—	—	—	—	—
Oldham Road	2 3	− 1·1	18	0	34	40·6	− 0·3	40·8	− 2·1
Bidston ..	0·9	—	7	1	29	—	—	—	—
(Ches.) Hoylake§	1·0	− 3·6	8	—	—	—	—	—	—
Llandudno §	2·0	− 2·9	16	—	—	—	—	—	—
Holyhead ..	2·4	—	19	0	32	—	—	—	—
Aberystwyth§	3·1	− 1·6	24	—	—	—	—	—	—
St. Ann's Hd.§	1·7	− 3·4	14	—	—	—	—	—	—
Rhayader §	0·5	—	4	0	32	—	—	—	—
Cardiff ...	2·1	—	16	0	34	45·1	+2·0	42 6	− 1·3
Bath .. §	1·2	− 3·5	9	—	—	45·0	—	42·9	—
Shaftesbury ..	—	—	—	—	—	—	—	43·4	—
Weymouth ..	1·0	—	8	—	—	—	—	—	—
Cullompton §	1·0	− 3·6	8	0	34	46·4	—	—	—
Plymouth §	0 2	− 4·9	2	0	36	46·3	+0·9	44·8	—
Newquay §	1·5	− 3·7	12	—	—	46·9	—	45 3	—
Falmouth §	0·5	− 4 8	4	0	37	48·4	—	46·9	—
Malin Head ..	2·5	—	19	—	—	—	—	—	—
Mallarany ..	1.2	—	9	—	—	—	—	—	—
Markree Castle §	—	—	—	0	34	45·4	+1·3	44·2	0·0
Armagh §	0 5	− 3·6	4	0	34	43 2	+0·3	42·9	− 0 7
Trinity Coll.	—	—	—	0	37	45·1	+0 9	43·8	− 1·1
Phœnix Park §	0·6	− 4·2	4	0	35	—	—	—	—
Dublin City ..	—	—	—	0	36	—	—	—	—
Birr Castle §	1·2	− 3·2	9	0	35	—	—	—	—
Seskin ..	0·9	—	7	1	26	—	—	—	—
Cahirciveen (Valencia O.)§	0·2	− 4·5	2	1	29	—	—	—	—
Ballinacurra §	0·3	− 4 9	2	—	—	—	—	—	—
St. Mary's §	1·4	− 4·2	11	—	—	—	—	—	—
Grange §	1·2	− 4·7	9	0	40	49·0	+2 6	46·0	− 0 7
St. Heliers §	—	—	—	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, March 29th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s. d. hr.	m.p.h	m/s. d. h. m.
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	—	0	23, 24	14	65	62	27	0	80	29	13 23 20	36	16 23 20 40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	23, 24	15	45	102	6	0	60	28	13 23 23	—	— — — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	65	103	0	0	50	21	9 23 17	28	13 23 17 15
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	3	117	48	0	30	16	7 29 10	24	11 29 9 35
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	0	139	29	0	70	12	5 23 16	27	12 25 22 15
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	28	120	20	0	30 / 40	16	7 23 9 / 29 16	25	11 24 8 15 / 29 16 25
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	—	0	7	111	50	0	130	15	7 23 12	21	9 29 10 5
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	74	82	12	0	140	22	10 23 11	30	13 29 23 50
Lincoln Cranwell ...	280	43	31	—	—	—	—	—	—	—	—	—	—	— — —	—	— — — —
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	27, 28	10	100	38	20	0	60	26	12 27 21	34	15 27 22 35
Essex Shoeburyness...	103	90	‡	—	0	23, 28, 29	27	106	31	4	0	50	29	13 29 15	39	17 29 16 45
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	75	67	26	0	80	18	8 29 18	31	14 23 14 0
Kent Lympne ...	409	70	‡	—	0	23, 24, 28, 29	26	107	32	3	0	210	35	16 23 23	49	22 23 22 50
Surrey Croydon ...	284	40	24	—	0	—	0	112	42	14	0	50	22	10 29 13	35	16 23 13 50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	23	2	114	35	17	0	240	25	11 23 22	40	18 23 22 20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	23, 24, 29	6	104	28	8	22	50	26	12 29 17	40	18 29 9 15
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	23	1	131	(36)	(0)	0	180	25	11 23 12	33	15 29 12 0
7a. ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	—	0	21	112	35	0	30	19	9 29 13	26	12 29 12 40
Lancashire Southport ...	80	62	48	—	0	—	0	65	103	0	0	80	22	10 26 12	29	13 26 14 50
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	—	0	26, 27	12	101	41	14	0	50 / 60	28	13 27 9 / 10	35	16 27 9 35
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	23	6	85	71	6	0	—	29	17 23 1	43	19 23 0 20
Cornwall Pendennis Castle§ ..	256	65	24	—	0	23, 24, 26 to 29	23	100	34	11	0	220	29	13 23 16	39	17 23 16 15
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	28, 29	3	82	54	29	0	100	25	11 28 9	—	— — — —
Clare Quilty.. ...	100	40	‡	—	0	—	0	24	116	28	0	—	17	7 27 9	25	11 27 21 30
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	25	126	17	0	50	18	8 29 8	25	11 23 23 45
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	60	93	15	0	—	18	8 29 6	29	13 26 17 50
11a. SCILLY ISLES.																
Scilly St. Mary's	150	32	‡	—	0	27	4	100	61	3	0	100	26	12 27 1	35	16 27 2 30

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.
§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	7	6	2·6	7	2	1·0	7	13	5·7	7	11	5·1	9	10	4·5	16	8	3·5	9	7	3·0	13	5	2·5
North	17	7	3·3	13	4	1·7	16	13	5·8	16	9	4·0	16	8	3·5	7	3	1·5	11	6	2·5	11	4	1·8
West	9	4	1·7	0	—	—	3	9	3·9	5	11	5·1	7	3	1·4	6	11	5·0	2	8	3·6	3	9	4·0
East	15	13	6·0	19	6	2·7	16	12	5·3	17	11	5·1	18	19	8·3	20	14	6·2	21	14	6·1	21	6	2·6
Calm (or wind-speed < 4 m.p.h.)	1	—	—	8	—	—	5	—	—	3	—	—	2	—	—	1	—	—	4	—	—	4	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 3rd April, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

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METEOROLOGICAL OFFICE 15 APR 1924 LIBRARY

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 14.

FOURTEENTH WEEK.
SUNDAY, MARCH 30TH TO SATURDAY, APRIL 5TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FOURTEENTH WEEK of 1924—March 30th to April 5th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	55	25	48·3	32·3	39·9	− 1·9	18	− 1	32	+10	1	− 3	0·05	1	− 19	5·4	+1·0	40	1027
Eastern.																			
1. SCOTLAND, EAST ..	57	22	46·8	31·8	38·9	− 3·1	13	− 10	35	+12	2	− 2	0·06	1	− 9	4·3	− 0·7	32	1028
2. ENGLAND, N.E. ..	53	24	44·8	32·9	38·6	− 4·5	8	− 17	32	+14	1	− 2	0·04	1	− 6	5·2	− 0·3	40	1026
3. ENGLAND, EAST ..	56	29	44·6	33·7	38.9	− 5·2	7	− 23	29	+12	1	− 2	0·05	1	− 6	5·8	+0·2	44	1023
4. MIDLAND COUNTIES	54	26	45·3	30·6	37·7	− 6·5	9	− 25	39	+21	0	− 3	0·01	0	− 9	3·1	− 1·9	24	1024
5. ENGLAND, S.E. ..	54	25	44·5	33·2	38·6	− 7·0	7	− 27	31	+20	2	− 1	0·05	1	− 7	4·8	− 0·8	36	1021
Western.																			
6. SCOTLAND, WEST[1] ..	58	22	49·5	30·2	39·4	− 4·3	21	− 4	39	+23	1	− 3	0·03	1	− 15	7·3	+2·0	55	1028
7. ENGLAND, N.W.[2] ..	52	28	45·7	32·8	38·9	− 5·2	10	− 18	32	+19	0	− 3	0·00	0	− 11	5·8	+0·6	44	1026
8. ENGLAND, S.W.[3] ..	51	26	44·9	32·4	38·3	− 7·1	8	− 25	34	+25	0	− 3	0·01	0	− 13	4·9	− 0·3	37	1023
9. IRELAND, NORTH ..	54	23	47·7	32·9	39·9	− 4·3	16	− 12	31	+18	1	− 3	0·07	2	− 12	—	—	—	1027
10. IRELAND, SOUTH ..	55	24	48·1	32·3	39·9	− 5·9	17	− 18	32	+23	0	− 4	0·00	0	− 14	6·9	+1·6	52	1025
11. CHANNEL ISLANDS[4]	52	33	45·2	38·1	41·4	− 6·3	9	− 33	13	+11	2	− 2	0·04	1	− 9	4·3	− 1·7	33	1021
MEAN: DISTRICTS 1-10	58	22	46·2	32·3	38·9	− 5·3	12	− 18	33	+19	1	− 3	0·03	1	− 10	5·6	+0·3	42	1025

THE SEASON (Spring).—Aggregates, &c., for the Period of 5 Weeks, March 2nd to April 5th, 1924.

0. SCOTLAND, NORTH ..	60	12	44·6	32·4	38·3	− 1·6	44	− 17	172	+36	13	− 11	1·79	45	− 75	3·1	− 0·3	25	1013
Eastern.																			
1. SCOTLAND, EAST ..	60	2	43·9	30·4	36·9	− 3·1	35	− 42	214	+65	11	− 10	0·92	24	− 43	3·5	− 0·4	28	1014
2. ENGLAND, N.E. ..	57	16	45·2	31·2	37·9	− 3·5	48	− 45	191	+74	8	− 11	0·89	23	− 25	4·6	+ 0·3	38	1015
3. ENGLAND, EAST ..	61	20	46·5	32·7	39·4	− 2·6	63	− 51	154	+38	9	− 8	0·69	17	− 29	5·5	+ 1·2	46	1015
4. MIDLAND COUNTIES	60	19	47·4	30·5	38·7	− 3·2	76	− 44	193	+70	8	− 9	1·09	28	− 23	4·2	+ 0·3	34	1014
5. ENGLAND, S.E. ..	60	20	47·6	33·9	40·6	− 2·5	82	− 40	131	+44	11	− 6	1·32	33	− 20	5·6	+ 1·2	46	1014
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	46·9	31·4	38·9	− 2·6	69	− 17	178	+74	6	− 13	1·22	30	− 69	4·7	+ 0·6	38	1015
7. ENGLAND, N.W.[2] ..	61	21	46·8	33·5	39·9	− 2·2	70	− 24	143	+50	7	− 12	1·11	28	− 41	5·1	+ 1·1	42	1013
8. ENGLAND, S.W.[3] ..	61	15	48·0	34·9	41·2	− 2·1	89	− 32	116	+40	10	− 9	1·83	46	− 34	5·2	+ 0·9	44	1013
9. IRELAND, NORTH ..	62	18	47·7	34·8	41·1	− 1·4	86	− 17	119	+32	11	− 12	0·91	24	− 57	—	—	—	1013
10. IRELAND, SOUTH ..	63	21	49·2	36·4	42·6	− 1·4	116	− 20	94	+25	10	− 10	1·17	30	− 55	4·4	+ 0·2	36	1011
11. CHANNEL ISLANDS[4]	58	30	49·3	40·5	44·8	− 1·2	128	− 34	32	+ 7	14	− 7	2·19	57	− 10	5·8	+ 0·7	47	1012
MEAN: DISTRICTS 1-10 ..	63	2	46·9	33·0	39·7	− 2·5	73	− 33	153	+51	9	− 10	1·11	28	− 40	4·7	+ 0·6	39	1014

THE YEAR. Aggregates, &c., for the Period of 14 Weeks, December 30th, 1923, to April 5th, 1924.

0. SCOTLAND, NORTH ..	60	12	44·0	34·7	39·3	+0·6	102	− 13	366	− 76	57	− 13	10·24	260	−135	1·8	− 0·3	19	1011
Eastern.																			
1. SCOTLAND, EAST ..	60	2	42·9	32·5	37·7	− 0·6	83	− 51	502	0	50	− 7	4·87	125	− 69	2·2	− 0·5	23	1012
2. ENGLAND, N.E. ..	57	16	43·5	33·1	38·3	− 1·2	93	− 70	456	+51	38	− 15	4·06	104	− 33	2·7	− 0·1	27	1015
3. ENGLAND, EAST ..	61	18	43·8	33·6	38·7	− 1·0	104	− 91	432	+ 7	42	− 10	4·42	112	− 23	3·1	+ 0·1	31	1015
4. MIDLAND COUNTIES	60	15	44·7	32·7	38·7	− 1·0	133	− 75	458	+19	41	− 11	5·13	130	− 27	2·5	− 0·1	25	1015
5. ENGLAND, S.E. ..	60	17	45·3	34·8	40·1	− 0·9	156	− 70	349	+17	41	− 10	4·93	126	− 41	3·3	+ 0·3	32	1015
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	45·2	34·0	39·5	− 0·7	144	− 19	385	+39	48	− 15	8.49	214	−110	2·6	0·0	26	1014
7. ENGLAND, N.W.[2] ..	61	21	45·1	35·3	40·2	− 0·3	141	− 37	324	− 5	43	− 13	5·58	141	− 76	2·9	+ 0·3	29	1014
8. ENGLAND, S.W.[3] ..	61	14	46·3	36·1	41·2	− 0·7	193	− 56	271	+ 7	45	− 12	8·23	208	− 49	3·2	+ 0·3	31	1014
9. IRELAND, NORTH ..	62	18	46·9	36·8	41·9	− 0·6	219	+ 4	233	− 50	56	− 11	6·87	176	− 77	—	—	—	1012
10. IRELAND, SOUTH ..	63	21	48·2	37·9	43·0	+0·2	288	− 15	189	− 35	59	− 11	8·87	224	− 53	2·6	− 0·3	26	1013
11. CHANNEL ISLANDS[4]	58	30	48·4	41·0	44·7	− 0·1	346	− 27	82	− 17	53	− 10	8·19	210	− 7	3·5	0·0	34	1014
MEAN: DISTRICTS 1-10 ..	63	2	45·2	34·7	39·9	− 0·7	155	− 48	360	+ 5	45	− 11	6·15	156	− 56	2·8	0·0	28	1014
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual." &c.. is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

	DISTRICTS OF THE BRITISH ISLES.											
	Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
	0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England N.W. (and N. Wales)	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year .. Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Very Deficient	Deficient	Deficient	Very Deficient	Deficient	Very Deficient	Very Deficient
Rainfall ..	Very Light	Light	Very Light	Light	Very Light	Light	Very Light	Nought	Very Light	Very Light	Nought	Light
Sunshine ..	Abundant	Moderate	Moderate	Moderate	Scanty	Moderate	Very Abundant	Abundant	Moderate	Very Abundant	Abundant	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 5 weeks from March 2nd, 1924	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
Warmth ..	1, 2, 2	0, 1, 4	0, 2, 3	0, 2 3	0, 2. 3	0, 2 3	1, 1, 3	1, 1, 3	0, 3, 2	1, 2, 2	1, 2, 2	0, 3, 2
Rainfall ..	0. 1, 4	0, 2, 3	0, 1. 4	0, 2 3	0, 3, 2	1, 2 2	0. 2. 3	0. 3, 2	0, 3, 2	0, 0, 5	0, 1, 4	1, 2, 2
Sunshine ..	1, 3, 1	1, 3, 1	1, 3, 1	3, 1, 1	3, 0, 2	3, 1, 1	3, 1, 1	4, 0, 1	3, 1, 1	4, 0, 1	3, 1, 1	3, 0, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Pressure conditions over the British Isles during the week were anticyclonic and the weather was fair to cloudy and decidedly dry. Slight showers of sleet or snow occurred in several places and in some places hail was reported, but in many parts of the country no measurements of precipitation were recorded. The winds were mainly easterly or north-easterly in direction and moderate in force. The highest temperatures occurred on the last day of the week over our Islands generally, and in a few places maximum readings above 55°F. were registered, the highest reading, 58°F., being recorded at Colmonell (Ayr). The night temperatures were low for the time of year and in places screen minimum readings several degrees below the freezing point were obtained, the lowest being 21°F. at Eskdalemuir on April 3rd. Ground frosts occurred in practically all parts of the country and at Cockle Park (Northumberland) and at Wisley (Surrey) grass minimum readings as low as 12°F. were registered on March 31st. The mean temperature for the week was considerably below the normal in all Districts, the greatest deficit, about 7°F., being recorded in England S.E. and England S.W. Several good records of sunshine were registered on various days during the week and at a number of stations sunshine values of more than 11hrs. were obtained. Among the largest amounts were 11·6hrs. at Castlebay and Malin Head on March 31st, 11·7hrs. at Stornoway on April 3rd, and 11·6hrs. at Pembroke (St. Ann's Head), 11·5hrs. at Felixstowe and at Tenby on April 5th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·6 hrs. at Cahirciveen (Valencia Observatory) to − 3·4hrs. at Guernsey. Aurora was observed at Gordon Castle (Elgin) on March 30th and at Harrow (Middlesex) and at Wadhurst (Sussex) on April 1st. The Zodiacal Light was seen at Oxford on March 30th and 31st and on April 1st and 5th, and at Wadhurst (Sussex) on March 30th and April 1st.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.	Height above M.S.L. of ground by Rain Gauge	Terminal Hours.	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max	Of Daily Min	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
	Ft.		°F		°F		°F	°F.	°F.	°F.		in.	mm. mm
0. SCOTLAND, N.													
Shetlands Lerwick ¶	54	‡	50	5th	34	31st	46·6	37·6	41·9	+1·5	4	0·16	4 − 10
Orkneys Deerness ...	160	♦	49	2, 3, 4	32	30th	46·9	36·1	41·2	+0·1	3	0·06	1 − 12
Hebrides Stornoway ¶	51	‡	50	4, 5	26	1st	47·7	30·0	38·4	− 3·7	1	0·04	1 − 18
Castlebay ...	37	‡	51	3rd	36	30th	48·4	38·7	43·3	—	1	0·05	1 —
Caithness Wick ... ¶	81	‡	49	4, 5	31	31st	46·1	34·4	40·0	− 1·6	1	0·01	0·3 − 12
Ross and Cromarty Strathpeffer ¶	125	a	52	2, 4, 5	27	31st	49·7	31·4	40·1	− 2·2	1	0·07	2 − 10
Cromarty Achnashellach ¶	225	h	53	2nd	25	30,31,1	50·3	28·4	38·8	—	1	0·08	2 —
Inverness Inverness ...	242	h	50	5th	27	30th	46·9	32·3	39·3	—	2	0·02	1 —
Fort Augustus ¶	68	a	55	5th	—	—	50·3	—	—	—	0	0·00	0 − 16
Onich ... ¶	48	h	51	3, 4, 5	29	30, 1	49·6	32·0	40·4	—	0	0·00	0 —
1. SCOTLAND, E.													
Nairn Nairn ... ¶	82	‡	50	4th	27	31st	47·0	31·7	39·0	− 3·3	1	0·06	1 − 7
Elgin Gordon Castle ¶	101	♦	52	5th	28	31st	47·4	32·7	39·7	− 3·0	2	0·08	2 − 7
Aberdeen Aberdeen ... ¶	46	‡	53	5th	30	31st	46·9	35·4	40·9	—	4	0·14	3 − 7
Balmoral ... ¶	930	a	51	5th	23	31, 2	45·9	29·3	37·2	− 1·7	3	0·09	2 − 10
Perth Crieff ... ¶	478	♦	57	5th	26	30th	50·1	31·4	40·3	− 2·6	1	0·02	1 − 11
Forfar Dundee ...	147	a	57	5th	30	30, 31	47·7	33·7	40·4	—	3	0·12	3 —
Fife Inchkeith ... ¶	190	‡	50	5th	33	2nd	46·0	35·9	40·7	—	1	0·04	1 —
Midlothian Edinburgh ...	441	♦	54	5th	31	30th	45·3	34·1	39·4	− 3·0	1	0·02	1 − 6
Peebles West Linton ¶	770	a	53	5th	22	2nd	45·4	26·7	35·6	− 4·1	1	0·01	0·3 —
Berwick Marchmont ¶	498	a	53	5th	29	31st	45·6	31·4	38·2	− 3·5	1	0·02	1 − 10
6a. SCOTLAND, W.													
Argyle Ford ... ¶	149	a	53	5th	22	31st	50·9	25·7	37·7	—	0	0·00	0 —
Renfrew Renfrew ... ¶	36	‡	56	5th	22	1, 2	50·0	28·7	38·8	—	0	0·00	0 —
Bute Rothesay ... ¶	200	♦	53	5th	30	2nd	49·1	34·3	41·3	− 2·8	1	0·10	3 − 14
Ayr Kilmarnock ¶	90	a	57	5th	24	1st	50·7	29·6	39·7	− 3·3	0	0·00	0 − 12
Colmonell... ¶	170	a	58	5th	25	2nd	50·4	29·9	39·7	− 3·7	1	0·07	2 − 12
Dumfries Dumfries ... ¶	140	♦	54	5th	26	2nd	48·6	29·6	38·6	− 5·3	0	0·00	0 − 13
Eskdalemuir ...	794	‡	52	5th	21	3rd	46·3	26·7	36·0	—	0	0·00	0 —

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr	hr.	%		°F.	°F.	°F.	°F	°F.
Lerwick ..	3·2	—	24	—	—	—	—	—	—
Deerness §	4·0	− 0·7	30	—	—	—	—	—	—
Stornoway §	6·6	+1·5	49	—	—	—	—	—	—
Castlebay ..	8·7	—	65	—	—	—	—	—	—
Achnashellach	—	—	—	7	16	—	—	—	—
Inverness §	5·7	—	42	5	21	—	—	—	—
Onich ...	5·7	—	43	7	20	—	—	—	—
Nairn §	5·7	—	42	—	—	—	—	—	—
Gordon Castle	4·4	—	33	—	—	—	—	—	—
Aberdeen §	3·4	− 2·0	25	2	25	—	—	40·1	− 0·9
Balmoral	—	—	—	4	19	—	—	—	—
(Kincj. Crathes§	3·8	− 1·3	28	3	20	39·0	—	39·0	—
Dundee §	4·0	—	30	3	24	38·4	—	—	—
Inchkeith ...	5·2	—	39	—	—	—	—	—	—
Edinburgh §	4·9	+0·1	37	6	21	—	—	—	—
West Linton	—	—	—	7	15	—	—	—	—
Marchmont §	4·0	− 0·9	30	—	—	—	—	—	—
Ford	—	—	—	7	19	40·2	—	40·9	—
Renfrew	5·7	—	43	5	14	—	—	—	—
Rothesay §	7·5	+2·3	56	4	24	40·9	—	41·7	− 1·3
Kilmarnock ..	7·2	—	54	—	—	39·6	—	41·5	—
Colmonell ..	—	—	—	7	20	—	—	—	—
Dumfries ..	6·1	—	46	7	17	39·5	− 2·5	40·7	− 1·6
Eskdalemuir §	5·4	+0·8	40	7	16	—	—	—	—

*‡ signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " " 24 hourly periods ending at 9h.
♦ " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	51	5th	32	30,31,5	46·9	33·6	39·9	− 4·1	1	1·01	0·3	− 14
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	49	5th	28	31st	44·6	30·9	37·4	− 3.6	2	0·10	3	− 6
	Tynemouth ¶	118	t	45	4, 5	32	31st	43 6	36·1	39·7	− 2 9	1	0·01	0·2	− 7
Durham	Durham ... ¶	336	p	45	4th	26	31st	42 4	31·0	36·4	− 5·9	3	0 07	2	− 6
York,	Rounton ... ¶	249	p	49	5th	26	31st	44·6	30·0	37·0	− 5·2	2	0·07	2	− 6
N. Riding	West Witton ...	605	a	51	5th	28	31, 5	44·3	31·0	37·3	—	2	0·08	2	—
	Scarborough ¶	118	h	49	5th	36	31, 3	45·6	36·9	41·0	− 2·4	1	0·01	0·3	− 8
	York ... ¶	56	p	53	5th	29	3rd	46·4	32·3	39·0	− 5.1	1	0·03	1	− 6
E. Riding	Spurn Head ¶	26	t	48	5th	36	30, 2, 4	44·6	36·4	40·3	− 3·0	1	0·08	2	− 3
Lincoln	Lincoln ... ¶	58	a	49	1st	32	2, 4	46·3	33·6	39 7	− 4·6	1	0·02	1	− 6
	Cranwell ... ¶	236	t	48	1, 5	24	2nd	45.1	28·7	36·5	− 7·8	0	0·00	0·1	− 7
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	46	5th	34	4th	43·7	34·9	39·1	− 4·6	1	0·03	1	− 5
	Yarmouth ¶	13	t	44	4, 5	35	4th	42·6	36·3	39·3	− 4·0	1	0·05	1	− 6
	Norwich ... ¶	93	a	49	5th	32	30, 5	45·7	34·0	39·6	− 4·7	2	0 08	2	− 6
	Geldeston ... ¶	37	a	49	5th	30	5th	44·8	32·9	38·6	− 5.4	1	0·11	3	− 4
Cambridge	Cambridge ¶	41	p	—	—	—	—	—	—	—	—	—	—	—	—
Hertford	Rothamsted ¶	420	a	51	5th	29	30, 2, 5	45·0	30·6	37·5	− 6·3	1	0·02	1	− 7
Middlesex	Tottenham ¶	51	p	56	5th	31	2nd	46·9	33·0	39·6	—	0	0·00	0	—
Essex	Clacton-on-Sea ¶	55	t	45	1, 5	33	30, 2, 5	43·7	34·1	38·7	− 5·2	2	0·05	1	− 5
	Southend	90	h	48	5th	31	31, 2	44·9	33·0	38·7	—	1	0·04	1	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	47	4th	28	3rd	43·9	30 0	36·6	− 6 0	1	0·04	1	− 10
W. Riding	Sheffield	429	p	48	5th	30	3rd	44·3	32·7	38·2	—	1	0·01	0·3	− 11
Derby	Buxton	987	p	45	5th	27	3, 4	41·4	29 9	35·4	− 5·8	0	0·00	0	− 17
Nottingham	Worksop(Hods'ck)¶	56	a	52	5th	27	3rd	47·9	30·1	38·6	− 5·6	1	0·01	0·3	− 8
	Nottingham ¶	82	t	50	5th	32	2, 3	46·0	33·6	39 5	− 4 8	0	0 00	0·1	− 7
Warwick	Birmingham (Edg)¶	525	t	47	5th	30	30, 5	44 1	31 7	37 6	− 6·5	0	0 00	0	− 9
Northampton	Oundle ... ¶	147	a	48	5th	27	5th	44·9	29·9	37·0	—	0	0·00	0	—
Oxford	Oxford ... ¶	208	p	54	5th	30	30, 2, 5	45·6	31 6	38·3	− 6·9	0	0·00	0	− 9
Stafford	Cheadle ... ¶	646	a	47	1, 5	26	3rd	44 4	29 1	36 4	− 6·6	0	0 00	0	− 11
Worcester	Tenbury ... ¶	313	p	51	5th	26	2, 4	45·6	28·4	36·6	− 7·8	0	0·00	0	− 8
	Malvern	377	h	48	5th	30	30th	43·9	32·5	37·8	—	0	0 00	0	—
Hereford	Hereford ... ¶	291	a	49	5th	29	1, 2, 5	45·0	29·9	37·1	− 7 9	0	0·00	0	− 10
Gloucester	Clifton ... ¶	225	a	52	5th	31	30, 2	46·1	32·1	38·8	− 7·1	0	0·00	0	− 12
5. ENGLAND, S.E.															
London	Westminster ...	27	a	54	5th	32	2nd	46·9	34·4	40·4	− 6·2	0	0·00	0	− 7
	Greenwich ‡ ...	149	a	54	5th	31	31, 2	46·9	33·1	39·7	− 6·2	2	0 03	1	− 6
	Hampstead ...	450	a	51	5th	30	31, 2	44·1	31·6	37·6	—	2	0·03	1	—
	Camden Square ...	110	a	56	5th	31	31, 2	47 3	33 0	39·8	− 6·9	1	0 01	0·3	− 8
Surrey	Richmond (Kew O)¶	18	t	52	5th	22	2nd	45·7	34 1	39 6	− 6 2	1	0·02	0·4	− 7
	Wisley ... ¶	150	a	52	5th	27	31st	45·0	32·6	38·5	− 6·8	3	0·04	1	− 6
Kent	Tunbridge Wells ¶	354	h	50	5th	30	31st	44 7	32 3	38 2	− 6 9	3	0 15	4	− 4
	Margate ... ¶	51	h	42	5th	34	4, 5	40·9	35·6	38 1	− 7·5	2	0·02	1	− 6
	Dungeness ¶	21	t	45	2, 5	30	1st	43·7	36 0	39·7	− 5·1	3	0·06	1	− 6
Sussex	St. Leonards ¶	178	h	50	5th	33	31, 1	43·9	34 4	38·9	− 6·7	3	0·05	1	− 7
	Worthing... ...	36	h	52	5th	22	31, 2	45.8	34 3	39·8	—	0	0 00	0	—
I. of Wight	Ventnor ... ¶	59	a	51	5th	32	31, 1, 2	45·9	33 9	39·6	− 7·2	1	0·11	3	− 5
Hampshire	Southampton ¶	64	p	54	5th	29	31st	45 1	31 9	38 2	− 8 8	1	0.03	1	− 8
Wiltshire	Marlborough ¶	424	a	51	5th	29	31, 1	45·1	31 0	37·7	− 6·2	0	0·00	0	− 10
	Porton ... ¶	363	a	51	5th	25	31st	45 1	30·1	37·2	—	0	0 00	0	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	52	5th	29	31, 3, 5	46·1	30·0	37·7	− 5·4	0	0·00	0	− 12
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	49	4th	31	31, 2, 4	46·0	31 6	39·5	− 4·6	0	0·00	0	− 15
	Blackpool... ¶	66	h	50	4th	30	31, 2	48 0	31 1	39 1	− 4 7	0	0 00	0	− 10
	Southport ¶	37	h	51	4th	30	2, 3	46·9	31·4	38 8	− 5·3	0	0 00	0	− 10
Manchester	Whitworth Pk. ¶	125	p	49	5th	33	3rd	45·7	34·9	40·0	− 5·1	0	0 00	0	− 10
Cheshire	Liverp'l (Bidston)¶	189	a	47	1, 4	30	3rd	45·6	32·7	38 8	− 5·9	0	0·00	0	− 9
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	49	4th	30	2, 5	46·6	32·6	39·2	− 6·1	0	0·00	0	− 7
Carnarvon	Llandudno ¶	22	h	47	5th	28	5th	44 7	33·1	38·6	− 6·7	0	0 00	0	− 8
Anglesey	Holyhead ... ¶	26	t	46	5th	34	3rd	43 7	36 0	39·7	− 5 2	0	0·00	0	− 11
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	51	5th	30	2nd	46·9	32·7	39·5	—	0	0 00	0	—
Pembroke	St. Ann's Hd. ¶	150	t	51	5th	30	3rd	46 9	33·1	39·7	− 5·4	0	0 00	0	− 11
Radnor	Rhayader... ¶	757	a	48	5th	27	1, 4	42·6	28·3	35·1	—	1	0·01	0·2	—
Glamorgan	Cardiff ... ¶	202	p	50	5th	30	31st	44·9	31 9	38·1	− 6·8	0	0·00	0	− 14
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	51	5th	30	31st	45·0	33·1	38 8	− 6·5	0	0·00	0	− 10
Dorset	Shaftesbury ¶	722	a	43	30th	29	30, 31	41·3	30·4	35·6	− 8·4	0	0·00	0	− 11
	Portland Bill ¶	19	t	51	5th	35	31, 2	45·6	36·1	40 6	− 5 0	1	0 02	0·4	− 8
Devon	Arlington ... ¶	613	a	49	5th	28	31, 1	44·4	31·4	37·6	− 6·5	0	0 00	0	− 17
	Cullompton ¶	202	a	49	5th	26	31st	45 0	31·4	37 9	− 7·7	1	0 04	1	− 11
	Plymouth... ¶	116	p	50	5th	32	31st	45 9	34 1	39·7	− 7·0	0	0·00	0	− 12
Cornwal	Newquay	190	h	47	5th	30	31st	44·7	33 0	38·6	− 7.8	0	0 00	0	− 11
	Falmouth... ¶	167	h	50	5th	31	4th	47·0	34 0	40·2	− 6 3	0	0 00	0	− 14
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	50	5th	30	30th	45 3	34 7	39 8	− 4 0	1	0·12	3	− 8
Mayo	Blacksod Point ¶	10	t	50	1, 5	32	1st	48·1	37·4	42·5	− 2·8	3	0 07	2	− 16
	Mallarany ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	53	1st	23	2nd	51 0	28·0	39·0	− 5·2	1	0 15	4	− 12
Armagh	Armagh ... ¶	204	p	54	5th	26	2, 3	47 6	30 0	38·4	− 5 5	1	0·03	1	− 11
Down	Donaghadee ¶	35	t	49	5th	35	1st	46·0	38·1	41·9	− 2·2	1	0·04	1	− 10
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	50	5th	31	1, 2	46·3	34·0	39 9	− 6·3	1	0 01	0·3	− 10
King's County	Birr Castle ¶	175	t	53	5th	24	1, 2	48 1	29·0	38 1	− 6·4	0	0 00	0	− 12
Kilkenny	Kilkenny ... ¶	195	a	53	5th	28	31, 1, 2	47 4	30·3	38·4	− 6·6	0	0·00	0	− 12
Waterford	Waterford ¶	137	a	54	5th	30	31, 1, 2	47·7	32 6	39 8	− 5 9	0	0 00	0	− 14
	Seskin, Carrick-on-Suir	542	p	53	5th	28	1, 2	46·7	29·9	37·9	—	0	0 00	0	—
Limerick	Foynes ... ¶	50	a	53	5th	30	2, 3	48·4	33·1	40·4	− 5·7	0	0·00	0	− 14
Kerry	Cahirciveen ¶	30	t	53	5th	29	31st	49·1	33 3	40 8	− 6·0	0	0 00	0	− 21
	Killarney ... ¶	174	a	55	1, 2, 5	28	31, 4	51·4	31·6	41·0	− 5 2	0	0 00	0	− 19
Cork	Roche's Point ¶	32	t	50	31, 5,	33	1, 2, 4	46·6	34·7	40·4	− 5·9	0	0 00	0·1	− 15
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	47	1, 5	33	3rd	45·9	37·0	41·2	− 6·4	0	0·00	0	− 10
Guernsey	Grange ... ¶	173	p	45	5th	35	4th	43·3	38 0	40·5	− 7·3	3	0·06	2	− 9
Jersey	St. Heliers ¶	44	h	52	5th	37	4th	46·3	39·3	42·6	− 5·1	2	0·06	1	− 9

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviat'n from norm	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	9·1	+2·9	69	6	25	—	—	—	—
Cockle Park §	4·0	− 1·3	30	7	12	38·3	− 2·6	39·4	− 2·0
Tynemouth ..	—	—	—	1	29	—	—	—	—
Durham §	4·3	− 0·7	33	3	20	—	—	—	—
Rounton ..	—	—	—	7	15	38·3	—	—	—
West Witton	—	—	—	7	21	35·7	—	37·1	—
Scarborough †§	6·3	+0·8	48	1	30	—	—	41·6	—
York §	5·1	+0 3	38	—	—	39 8	− 2·9	40·7	− 1·9
Spurn Head ..	6 4	—	49	—	—	—	—	—	—
Lincoln ..	—	—	—	5	26	39·9	− 2 7	41·4	− 1·3
Cranwell §	5·1	− 0·6	39	6	18	—	—	—	—
Skegness §	6·6	+0·4	50	—	—	—	—	—	—
Cromer §	6·0	+0·1	46	—	—	—	—	—	—
Yarmouth §	7 8	—	59	0	32	42·6	− 2·0	43·0	− 2·2
Norwich ..	6·0	—	46	6	23	39·2	—	—	—
Geldeston §	6·4	+0·7	49	—	—	—	—	—	—
Cambridge §	—	—	—	—	—	—	—	—	—
Rothamsted §	4·4	− 0 9	34	7	22	37 7	—	—	—
Tottenham §	3·9	—	30	—	—	—	—	—	—
Clacton-on-Sea §	6·3	+0·2	48	3	29	40·7	− 4·1	43 0	− 2·5
Southend ..	6·1	—	46	5	28	40·7	—	—	—
Harrogate §	4 0	− 1 3	31	6	16	38·5	− 2 8	39·7	− 2·1
Sheffield §	2·0	− 2·7	15	7	25	37·1	− 4·6	38 9	− 2·8
Buxton ...	2·5	—	19	7	24	36 7	− 3·9	39·3	− 1·8
Worksop §	3 7	− 1·0	28	7	18	40·3	—	41·4	—
Nottingham §	3 0	− 2·0	23	3	29	38·2	− 4.2	39 3	− 2·2
Birmingham §	1·5	− 2·5	12	6	25	37·8	− 4·2	42 5	− 1·0
Oundle ...	5·1	—	39	7	18	40 0	—	41·6	—
Oxford §	3·9	− 1·3	30	6	21	—	—	—	—
Cheadle ...	—	—	—	7	13	—	—	—	—
Tenbury ...	—	—	—	7	18	39·1	—	—	—
Malvern... ...	4·1	—	32	7	26	39·0	—	41 5	—
Ross on Wye §	3·6	—	28	7	21	38·6	—	42 6	—
Clifton §	3·2	—	25	5	29	—	—	—	—
Westminster	3·5	− 0·5	27	3	29	—	—	—	—
Greenwich ..	3·4	− 1·5	26	5	21	—	—	—	—
Hampstead ..	4·8	—	36	7	22	—	—	—	—
Camden Square	—	—	—	6	26	39·4	—	41·7	—
Richmond § (Kew Obs.)	7·5	+2·4	57	4	26	39·4	− 5·4	43 0	− 1·6
Wisley §	3·5	− 1·8	26	5	12	39·3	− 4·6	42·4	− 1·8
Tunbridge W'ls§	5·5	− 0 1	42	5	24	41·4	—	43 2	—
Margate §	5·5	− 0·1	42	0	33	41 1	− 3·6	43 6	− 1·3
Folkestone §	5·6	—	42	0	31	—	—	44·0	—
St. Leonards §	4·1	− 1·8	31	2	29	41·6	—	43 8	—
Worthing §	5·3	− 0·7	41	3	27	41.6	− 3 8	44·1	− 1·4
Ventnor §	4·2	− 1·9	32	—	—	—	—	—	—
Southampton §	4·1	− 1·6	31	4	25	—	—	—	—
Marlborough §	2·5	− 2·2	19	4	25	40·5	—	44·2	—
Porton	3·0	—	23	4	17	39·2	—	—	—
Aspatria §	6·1	+0·9	46	7	25	39·6	− 3 0	41·2	− 1·7
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	5·9	+0·9	45	7	23	—	—	—	—
Blackpool §	4·6	− 1·3	35	7	18	40·4	—	42 4	—
Southport §	6·4	+0 7	48	7	19	38·7	− 4·9	41 2	− 2 3
Whitworth Pk.	4 1	+0·3	31	—	—	—	—	—	—
Oldham Road	3·4	− 0·7	26	1	28	38·6	− 3·2	41·7	− 1·6
Bidston ..	4·1	—	31	6	26	—	—	—	—
(Ches.)Hoylake§	4·5	− 0·9	34	—	—	—	—	—	—
Llandudno §	6·6	+0 8	50	—	—	—	—	—	—
Holyhead ..	8 9	—	67	2	25	—	—	—	—
Aberystwyth§	6·2	+1·1	47	—	—	—	—	—	—
St. Ann's Hd.§	5·9	+0·4	45	—	—	—	—	—	—
Rhavader §	4·7	—	36	6	17	—	—	—	—
Cardiff ...	4·6	—	35	7	23	39·6	− 4·7	43 5	− 0 9
Bath .. §	3·2	− 1·8	25	—	—	42·2	—	43·9	—
Shaftesbury ..	—	—	—	—	—	—	—	43·3	—
Weymouth ..	4·4	—	34	—	—	—	—	—	—
Cullompton §	3·2	− 1·7	24	6	15	42·5	—	—	—
Plymouth §	4 5	− 0 9	34	5	27	41·5	− 4 9	45 2	—
Newquay §	6 1	+0 6	47	—	—	44·0	—	46·1	—
Falmouth §	5 0	− 0 7	38	4	26	45·1	—	47·3	—
Malin Head ..	9·1	—	68	—	—	—	—	—	—
Mallarany ..	—	—	—	—	—	—	—	—	—
Markree Castle §	—	—	—	6	20	44·5	− 0·5	44·6	+0·1
Armagh §	7·6	+2·8	57	7	17	41 3	− 2·6	43·3	− 0 8
Trinity Coll.	—	—	—	5	23	42·5	− 2 5	44·5	− 0·9
Phœnix Park §	6·6	+1·3	50	7	19	—	—	—	—
Dublin City ..	—	—	—	6	25	—	—	—	—
Birr Castle §	6·5	+1·6	50	6	16	—	—	—	—
Seskin ..	5·4	—	41	6	19	—	—	—	—
Cahirciveen (Valencia O.)§	8·9	+3·6	68	5	24	—	—	—	—
Ballinacurra §	5·4	− 0 2	41	—	—	—	—	—	—
St. Mary's §	6·3	+0·7	48	—	—	—	—	—	—
Grange §	2·6	− 3 4	20	0	32	43·4	− 3·9	46·6	− 0·6
St. Heliers §	4·0	− 2·1	30	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, April 5th, 1924.

District County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr	hr	°								
0. SCOTLAND, N.																				
Shetlands Lerwick ...	310	42	‡	—	0	—	0	30	87	51	0	230	23	10	5 9	32	14	5	9	10
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	18	138	12	0	340	18	8	29 15	—	—	—	—	—
1. SCOTLAND, E.																				
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	13	141	14	0	350	16	7	31 16	27	12	31	13	25
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	0	88	80	0	30	12	5	1 9	19	9	1	9	40
6a. SCOTLAND, W.																				
Renfrew Paisley ...	188	81	15	—	0	—	0	3	70	95	0	310	15	7	5 15	24	11	5	14	50
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	35	83	50	0	360	18	8	1 10	27	12	1	9	55
2. ENGLAND, N.E.																				
Durham South Shields...	72	61	12	—	0	—	0	19	117	32	0	10	16	7	1 5	25	11	31	17	5
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	119	44	5	0	360	23	10	31 16	36	16	1	5	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	54	(100)	(14)	0	40	17	8	1 9	22	10	1	9	0
3. ENGLAND, E.																				
Norfolk Gorleston ...	52	42	‡	—	0	1 to 3	38	111	16	3	0	50	29	13	2 20	40	18	2	20	20
Essex Shoeburyness...	103	90	‡	—	0	30, 1 to 3	38	91	39	0	0	50	32	14	2 11	46	21	2	12	0
5. ENGLAND, S.E.																				
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	42	118	8	0	50	17	8	2 16	34	15	3	11	0
Kent Lympne ...	409	70	‡	—	0	30, 1 to 3	39	115	14	0	0	20	33	15	3 10	46	21	3	10	25
Surrey Croydon ...	284	40	24	—	0	—	0	90	73	5	0	50	23	10	2 15	41	18	2	11	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	111	57	0	0	40	21	9	30 8	38	17	30	8	25
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	30, 3	7	115	46	0	0	60	28	13	30 10	43	19	30	9	50
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	30, 2	4	135	(29)	(0)	0	60 / 70	25	11	30 10 / 2 22	36	16	2	22	5
7a. ENGLAND, N.W.																				
Lancashire Fleetwood ...	112	50	12	—	0	—	0	46	102	20	0	360	18	8	1 1	28	13	1	14	0
Lancashire Southport ...	80	62	48	—	0	—	0	61	102	5	0	40	20	9	1 17	31	14	2	9	50
7b. NORTH WALES.																				
Anglesey Holyhead ...	64	45	‡	—	0	—	0	97	64	7	0	60 / 10	22	10	3 10 / 16	29	13	3	9	50
8b. ENGLAND, S.W.																				
Devon Plymouth ...	185	88	2	—	0	—	0	119	49	0	0	—	21	9	30 10	37	17	2	9	55
Cornwall Pendennis Castle§ ..	256	65	24	—	0	4	1	139	28	0	0	—	27	12	4 12	34	15	4	11	35
10. IRELAND, S																				
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	79	76	13	0	60	22	10	30 9	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	—	0	6	129	33	0	—	15	7	4 13	25	11	4	13	0
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	32	104	32	0	360	20	9	5 16	29	13	5	19	10
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	67	94	7	0	—	20	9	4 13	33	15	4	12	35
11a. SCILLY ISLES.																				
Scilly St. Mary's	150	32	‡	—	0	—	0	149	19	0	0	90	23	10	2 3	33	15	2	2	40

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.
§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	3	4	1·8	1	1	0.4	0	—	—	0	—	—	0	—	—	0	—	—	1	3	1·2	1	3	1·5
North	23	7	3·0	8	4	1·8	27	15	6·7	27	9	4·0	27	10	5	24	8	3·5	22	6	2·5	19	5	2·5
West	20	4	1·9	6	6	2·8	1	2	1·1	0	—	—	1	5	2	0	—	—	6	5	2·3	3	3	1·3
East	3	3	1·3	5	5	2·1	23	12	5·3	27	8	3·7	25	10	5	27	13	6·0	18	12	5·2	18	6	2·8
Calm (or wind-speed < 4 m.p.h.)	2	—	—	16	—	—	1	—	—	1	—	—	1	—	—	0	—	—	3	—	—	7	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C SIMPSON, F.R.S., Director. 10th April, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

61

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METEOROLOGICAL OFFICE
23 APR 1924
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FIFTEENTH WEEK of 1924—April 6th to April 12th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	55	28	45·5	34·6	39·8	− 2·0	10	− 9	25	+ 4	5	0	0·98	25	+ 3	4·5	+0·2	32	1004
Eastern.																			
1. SCOTLAND, EAST ..	57	18	45·5	32·6	38·8	− 3·5	10	− 14	32	+11	5	+ 1	0·28	7	− 6	4·5	− 0·1	33	1003
2. ENGLAND, N.E. ..	63	20	47·9	33·1	40·1	− 3·5	17	− 9	30	+15	3	− 1	0·17	4	− 6	5·1	+0·2	37	1005
3. ENGLAND, EAST ..	63	23	48·3	33·5	40·5	− 4·3	18	− 15	28	+15	3	0	0·52	13	+ 3	4·2	− 1·0	31	1005
4. MIDLAND COUNTIES	62	23	49·4	32·2	40·4	− 4·3	21	− 13	32	+16	3	0	0·49	12	+ 2	4·7	0·0	35	1005
5. ENGLAND, S.E. ..	60	24	48·1	32·8	40·1	− 5·8	17	− 19	30	+21	5	+ 2	0·75	19	+10	4·3	− 0·9	32	1005
Western.																			
6. SCOTLAND, WEST[1] ..	58	25	47·5	34·0	40·4	− 3·5	15	− 12	27	+12	5	+ 1	0·62	16	0	4·9	+0·2	36	1004
7. ENGLAND, N.W.[2] ..	57	28	46·8	35·1	40·7	− 3·8	13	− 16	23	+12	5	+ 2	0·32	8	− 4	6·3	+1·4	46	1005
8. ENGLAND, S.W.[3] ..	59	27	48·9	34·5	41·3	− 4·6	19	− 16	24	+17	4	+ 1	0·71	18	+ 5	6·6	+1·1	49	1007
9. IRELAND, NORTH ..	56	28	47·3	34·9	40·8	− 4·0	15	− 15	23	+12	6	+ 2	1·00	25	+12	—	—	—	1005
10. IRELAND, SOUTH ..	60	28	48·9	36·2	42·3	− 3·8	18	− 19	16	+ 8	5	+ 1	0·52	13	− 1	5·3	− 0·1	39	1009
11. CHANNEL ISLANDS[4]	54	35	49·6	40·0	44·6	− 3·5	24	− 20	6	+ 5	5	+ 2	0·56	14	+ 4	7·6	+1·3	56	1009
MEAN: DISTRICTS 1-10	63	18	47·9	33·9	40·5	− 4·1	16	− 15	27	+14	4	+ 1	0·54	13	+ 1	5·2	+0·1	38	1005

THE SEASON (Spring).—Aggregates, &c., for the Period of 6 Weeks, March 2nd to April 12th, 1924.

0. SCOTLAND, NORTH ..	60	12	44·8	32·8	38·6	− 1·6	54	− 26	197	+40	18	− 11	2·77	70	− 72	3·3	− 0·3	26	1011
Eastern.																			
1. SCOTLAND, EAST ..	60	2	44·1	30·8	37·2	− 3·2	45	− 56	246	+76	16	− 9	1·20	31	− 49	3·6	− 0·4	29	1012
2. ENGLAND, N.E. ..	63	16	45·6	31·5	38·3	− 3·4	65	− 54	221	+89	11	− 12	1·06	27	− 31	4·7	+ 0·3	38	1013
3. ENGLAND, EAST ..	63	20	46·8	32·8	39·6	− 2·8	81	− 66	182	+53	12	− 8	1·21	30	− 26	5·3	+ 0·8	43	1013
4. MIDLAND COUNTIES	62	19	47·7	30·8	39·0	− 3·4	97	− 57	225	+86	11	− 9	1·58	40	− 21	4·3	+ 0·3	34	1013
5. ENGLAND, S.E. ..	60	20	47·7	33·7	40·5	− 3·0	99	− 59	161	+65	16	− 4	2·07	52	− 10	5·3	+ 0·8	43	1012
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	47·0	31·9	39·1	− 2·8	84	− 29	205	+86	11	− 14	1·84	46	− 69	4·7	+ 0·5	38	1013
7. ENGLAND, N.W.[2] ..	61	21	46·8	33·8	40·1	− 2·4	83	− 40	166	+62	12	− 10	1·43	36	− 45	5·3	+ 1·1	43	1012
8. ENGLAND, S.W.[3] ..	61	15	48·1	34·8	41·2	− 2·5	108	− 48	140	+57	14	− 8	2·54	64	− 29	5·5	+ 1·0	44	1012
9. IRELAND, NORTH ..	62	18	47·6	34·9	41·0	− 1·9	101	− 32	142	+44	17	− 10	1·91	49	− 45	—	—	—	1011
10. IRELAND, SOUTH ..	63	21	49·1	36·4	42·6	− 1·7	134	− 39	110	+33	15	− 9	1·69	43	− 56	4·5	0·0	37	1011
11. CHANNEL ISLANDS[4]	58	30	49·4	40·4	44·7	− 1·6	152	− 54	38	+12	19	− 5	2·75	71	− 6	6·1	+ 0·8	49	1011
MEAN: DISTRICTS 1-10 ..	63	2	47·1	33·1	39·9	− 2·7	90	− 48	180	+65	13	− 9	1·65	42	− 38	4·8	+ 0·5	39	1012

THE YEAR. Aggregates, &c., for the Period of 15 Weeks, December 30th, 1923, to April 12th, 1924.

0. SCOTLAND, NORTH ..	60	12	44·1	34·7	39·3	+0·4	112	− 22	391	− 72	62	− 13	11·22	285	−132	2·0	− 0·3	20	1010
Eastern.																			
1. SCOTLAND, EAST ..	60	2	43·1	32·6	37·8	− 0·7	93	− 65	534	+11	55	− 6	5·15	132	− 75	2·4	− 0·4	24	1012
2. ENGLAND, N.E. ..	63	16	43·8	33·1	38·4	− 1·4	110	− 79	486	+66	41	− 16	4·23	108	− 39	2·9	− 0·2	28	1014
3. ENGLAND, EAST ..	63	18	44·1	33·6	38·8	− 1·2	122	−106	460	+22	45	− 10	4·94	125	− 20	3·2	+ 0·1	31	1015
4. MIDLAND COUNTIES	62	15	45·0	32·7	38·8	− 1·2	154	− 88	490	+35	43	− 12	5·62	142	− 25	2·7	− 0·1	26	1014
5. ENGLAND, S.E. ..	60	17	45·5	34·7	40·1	− 1·2	173	− 89	379	+38	46	− 8	5·68	145	− 31	3·4	+ 0·3	32	1014
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	45·3	34·0	39·6	− 0·8	159	− 31	412	+51	53	− 14	9·11	230	−110	2·8	+ 0·1	27	1013
7. ENGLAND, N.W.[2] ..	61	21	45·2	35·3	40·2	− 0·6	154	− 53	347	+ 7	48	− 11	5·90	149	− 80	3·2	+ 0·4	31	1014
8. ENGLAND, S.W.[3] ..	61	14	46·5	36·0	41·2	− 0·9	212	− 72	295	+24	49	− 11	8·94	226	− 44	3·4	+ 0·3	33	1014
9. IRELAND, NORTH ..	62	18	46·9	36·7	41·8	+0·2	234	− 11	256	− 38	62	− 9	7·87	201	− 65	—	—	—	1012
10. IRELAND, SOUTH ..	63	21	48·3	37·7	43·0	− 0·1	306	− 34	205	− 27	55	− 10	9·39	237	− 54	2·8	− 0·3	27	1013
11. CHANNEL ISLANDS	58	30	48·5	40·9	44·7	− 0·3	370	− 47	88	− 12	58	− 8	8·75	224	− 3	3·8	+ 0·1	36	1014
MEAN: DISTRICTS 1-10 ..	63	2	45·4	34·6	40·0	− 0·8	172	− 53	386	+19	50	− 11	6·68	169	− 54	3·0	0·0	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*)	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands) (*and Scilly*.
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient
	Rainfall ..	Heavy	Moderate	Light	Heavy	Moderate	Heavy	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate
	Sunshine ..	Moderate	Moderate	Moderate	Scanty	Moderate	Moderate	Moderate	Abundant	Abundant	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 6 weeks from March 2nd, 1924	Warmth ..	1, 3, 2	0, 1, 5	0, 2, 4	0, 2 4	0, 2 4	0, 2 4	1, 1, 4	1, 1, 4	0, 3, 3	1, 2, 3	1, 2, 3	0, 3, 3
	Rainfall ..	1. 1, 4	0, 3, 3	0, 1, 5	1, 2, 3	0, 4, 2	2, 2, 2	0, 3, 3	0, 4, 2	0, 4, 2	1, 0, 5	0, 2, 4	1, 3, 2
	Sunshine ..	1, 4, 1	1, 4, 1	1, 4, 1	3, 1, 2	3, 1, 2	3, 2, 1	3, 2, 1	5, 0, 1	4, 1, 1	4, 1, 1	3, 2, 1	4, 0, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Unsettled conditions prevailed in most parts of the British Islands during the week and in many parts the weather was of a very wintry character. The mean temperature for the week was below the normal in all Districts, the greatest deficit being 5·8°F. in England S.E. The first two days were the warmest generally and a maximum temperature of 63°F. was recorded at Geldeston and at Scarborough on the 7th. The temperature of 59°F. recorded on that day at Dublin was the highest reading obtained there since October 9th, 1923. The lowest screen minimum temperature was 18°F. at West Linton (Peebles) on the 11th. Ground frosts occurred at practically every station and several grass minimum temperatures below 15°F. were experienced, the lowest being 11°F. at Rounton on the 9th. Snow, hail and sleet were reported at most stations, especially during the middle and latter part of the week. On the night of the 8th–9th 3ins. of snow fell at Achnashellach, followed by 2½ins. on the night of the 10th–11th. A few stations reported "snow lying." Precipitation was normal or below in five Districts, mainly in the north, and above normal elsewhere. There were not many heavy falls reported, the largest being 33mm. at Lerwick on the 11th while Oundle had 23mm. and Cambridge and Felixstowe 20mm. on the 10th. Thunder occurred locally on each day from the 8th to the 12th inclusive and was most widely noted on the 9th and 12th, the southern and eastern parts of England being mainly affected. Sunshine was above normal in many Districts. A number of daily records of between 10 and 12hrs. were obtained in various parts of the country and at Ballinacurra (Cork) 12·2hrs. were registered on the 12th. Solar halos were seen at Oxford on the 8th and 11th and at Clacton and South Farnborough on the 10th. Lunar halos were seen at Stonyhurst on the 9th, Ross-on-Wye on the 9th and 11th and at Oxford on the 11th. The Zodiacal Band and Counterglow were seen at Oxford at 23h. on the 7th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm.	mm
Shetlands	Lerwick ¶	54	‡	47	7th	29	12th	41·0	33·3	37·0	− 3·1	5	2 52	64	+49
Orkneys	Deerness	160	♦	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	‡	52	6th	29	12th	44·4	34·1	39·0	− 3·1	5	0 81	21	+ 1
	Castlebay	37	‡	50	6th	34	12th	45·0	37·3	41·0	—	6	0·57	14	—
Caithness	Wick ... ¶	81	‡	54	6th	32	8, 12	44·3	35 0	39·4	− 2·2	4	0 29	7	− 6
Ross and	Strathpeffer ¶	125	a	54	6, 7	32	9, 11	46·6	35·4	40 7	− 1·8	5	0·42	11	− 2
Cromarty	Achnashellach ¶	225	h	52	6th	28	9th	46·6	34 1	40·1	—	7	1·45	37	—
Inverness	Inverness	242	h	53	6th	32	8, 9, 12	45 6	34·9	40 0	—	4	0·22	5	—
	Fort Augustus ¶	68	a	55	6th	31	9, 11	49·1	35·1	41·8	− 0·6	3	0·40	10	− 7
	Onich ... ¶	48	h	54	6th	30	9th	46 4	35·1	40·5	—	5	0·97	25	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	‡	55	6th	31	11th	45·7	35·6	40·4	− 2 2	5	0·18	5	− 6
Elgin	Gordon Castle ¶	101	♦	53	6, 7	28	9th	46 7	33·3	39 7	− 3·2	4	0·20	5	− 7
Aberdeen	Aberdeen ... ¶	46	‡	57	7th	30	9, 11	47·1	34 7	40·6	—	5	0·46	12	− 1
	Balmoral ... ¶	930	a	50	6th	19	11th	41·7	30·1	35·6	− 3 8	7	0 46	12	− 4
Perth	Crieff ... ¶	478	♦	56	6th	27	11th	46 9	32·4	39·3	− 4 0	4	0 47	12	− 3
Forfar	Dundee	147	a	58	7th	32	10, 12	47·4	35·6	41·2	—	4	0·38	10	—
Fife	Inchkeith ... ¶	190	‡	52	6th	32	11th	45·0	35·7	40·1	—	2	0 04	1	—
Midlothian	Edinburgh ...	441	♦	52	6th	29	10, 12	45·3	33 1	38 9	− 3·7	4	0·10	3	− 7
Peebles	West Linton ¶	770	a	51	6, 7	18	11th	45·0	27·9	36 0	− 4·0	7	0 20	5	—
Berwick	Marchmont ¶	498	a	52	6th	27	10, 12	46·3	31·4	38·5	− 3·5	4	0·21	5	− 9
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	50	7th	26	9th	45·0	34·6	39·6	—	5	1·08	27	—
Renfrew	Renfrew ... ¶	36	‡	58	6th	26	11th	48·9	32·9	40·5	—	3	0·30	8	—
Bute	Rothesay ... ¶	200	♦	54	6th	31	9th	46·9	34·7	40·5	− 3·8	6	0·76	19	+ 1
Ayr	Kilmarnock ¶	90	a	56	6th	28	11th	49·4	33·6	41 1	− 2·1	5	0 44	11	− 1
	Colmoneli... ¶	170	a	53	6th	31	11th	48·6	34 6	41·3	− 2·2	5	0·96	24	+ 9
Dumfries	Dumfries ... ¶	140	♦	53	6th	25	11th	46·4	31·9	38·8	− 5·4	4	0·23	6	− 7
	Eskdalemuir ...	794	‡	51	6th	20	11th	45·0	27·9	36·0	—	4	0·36	9	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from ormal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr	hr.	%		°F.	°F.	°F.	°F.	°F,
Lerwick ..	6 3	—	44	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	4 7	− 0·1	34	—	—	—	—	—	—
Castlebay ..	5·4	—	39	—	—	—	—	—	—
Achnashellach	—	—	—	5	26	—	—	—	—
Inverness §	4·2	—	30	2	30	—	—	—	—
Onich ...	4·0	—	28	2	21	—	—	—	—
Nairn §	3 9	—	28	—	—	—	—	—	—
Gordon Castle	5 5	—	40	—	—	—	—	—	—
Aberdeen §	5·8	+0 9	42	4	17	—	—	41·2	− 0·5
Balmoral	—	—	—	5	15	—	—	—	—
(Kinc). Crathes§	—	—	—	—	—	—	—	—	—
Dundee §	3·7	—	27	3	26	41·7	—	—	—
Inchkeith ...	5 7	—	41	—	—	—	—	—	—
Edinburgh §	4 7	+0·4	34	5	22	—	—	—	—
West Linton	—	—	—	6	13	—	—	—	—
Marchmont §	4·5	0 0	32	—	—	—	—	—	—
Ford ..	—	—	—	5	21	42·3	—	41·4	—
Renfrew ..	4·7	—	34	4	17	—	—	—	—
Rothesay §	3 8	− 0·4	28	1	25	42 9	—	42·7	− 0·9
Kilmarnock ..	5 3	—	38	—	—	42·0	—	42 0	—
Colmoneli ..	—	—	—	3	27	—	—	—	—
Dumfries ..	4·4	—	32	6	15	41·0	− 2 3	41·1	− 2·0
Eskdalemuir §	4 4	+0 2	32	5	17	—	—	—	—

*‡ signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " 24 hourly periods ending at 9h.
♦ " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F		in.	mm.	mm
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	55	7, 8	30	11th	47·1	35·7	41·1	− 3·0	6	0·56	14	− 1
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	53	7th	25	10th	46·4	30·4	38·0	− 3.5	1	0·09	2	− 9
	Tynemouth ¶	118	t	53	7th	30	10th	46·1	36·1	40·9	− 2·1	3	0·09	2	− 7
Durham	Durham ... ¶	336	p	57	7th	27	10th	47·3	31·0	38·8	− 4·1	4	0·37	9	− 1
York,	Rounton ... ¶	249	p	58	7th	20	10th	47·9	29·9	38·5	− 4·3	3	0·41	10	0
N. Riding	West Witton ...	605	a	54	6, 7	25	10th	48·0	32·0	39·6	—	3	0·31	8	—
	Scarborough ¶	118	h	63	7th	30	10th	49·6	35·6	42·3	− 1·6	1	0·02	1	− 9
	York ... ¶	56	p	58	7th	28	10th	49·3	33·3	40·9	− 3.9	4	0·18	5	− 5
E. Riding	Spurn Head ¶	26	t	51	7th	32	10th	45·0	36·7	40·7	− 3·2	2	0·16	4	− 3
Lincoln	Lincoln ... ¶	58	a	61	7th	28	10th	50·1	32·9	41·1	− 4·0	2	0·09	2	− 7
	Cranwell ... ¶	236	t	61	7th	24	10th	49·3	31·6	40·0	− 5·0	3	0·17	4	− 5
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	61	7th	29	10th	47·3	34·7	40·7	− 3·5	2	0·09	2	− 5
	Yarmouth ¶	13	t	56	7th	29	10th	46·3	35·0	40·4	− 3·5	2	0·25	6	− 4
	Norwich ... ¶	93	a	60	7th	27	10th	49·4	34·4	41·5	− 3·3	3	0·16	4	− 7
	Geldeston ... ¶	37	a	63	7th	27	10th	50·1	33·3	41·3	− 3·2	3	0·26	7	− 2
Cambridge	Cambridge ¶	41	p	59	7th	24	10th	50·1	30·7	39·9	− 5·5	3	1·06	27	+18
Hertford	Rothamsted ¶	420	a	56	7th	23	10th	47·3	31·1	38·8	− 5·7	5	0·70	18	+ 8
Middlesex	Tottenham ¶	51	p	59	7th	29	11th	48·7	34·0	41·0	—	3	0·85	22	—
Essex	Clacton-on-Sea ¶	55	t	54	8th	30	10th	47·0	34·4	40·4	− 4·1	5	0·82	21	+13
	Southend	90	h	55	7th	32	10th	48·7	35·1	41·6	—	5	0·70	18	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	55	7th	26	10th	46·7	31·6	38·8	− 4·2	2	0·11	3	− 9
W. Riding	Sheffield	429	p	57	7th	30	10th	48·6	34·3	41·1	—	2	0·15	4	− 7
Derby	Buxton	987	p	54	7th	26	10th	45·9	31·9	38·6	− 3·1	5	0·22	6	− 11
Nottingham	Worksop(Hods'ck)¶	56	a	62	7th	24	10th	51·7	31·3	41·0	− 3·6	3	0·17	4	− 5
	Nottingham ¶	82	t	59	7th	23	10th	49·1	31·7	40·0	− 4·8	3	0·17	4	− 4
Warwick	Birmingham (Edg)¶	525	t	59	7th	30	10th	47·4	33·9	40·3	− 4·3	3	0·68	17	+ 7
Northampton	Oundle ... ¶	147	a	58	7th	23	6, 10	49·1	29·4	38·8	—	2	1·11	28	—
Oxford	Oxford ... ¶	208	p	59	7th	29	6, 10	50·0	33·0	41·1	− 4·7	4	0·36	9	0
Stafford	Cheadle ... ¶	646	a	59	7th	—	—	47·3	—	—	—	5	0·49	12	0
Worcester	Tenbury ... ¶	313	p	61	7th	28	6, 7, 10	51·0	31·7	40·9	− 3·9	4	0·73	19	+10
	Malvern	377	h	58	7th	32	10, 11	48·4	35·4	41·6	—	4	0·49	12	—
Hereford	Hereford ... ¶	291	a	59	7th	29	10th	51·6	31·9	41·3	− 4·2	4	0·30	7	− 4
Gloucester	Clifton ... ¶	225	a	55	6th	33	6, 10	48·3	35·0	41·3	− 5·2	4	0·75	19	+ 6
5. ENGLAND, S.E.															
London	Westminster ...	27	a	59	7th	30	10th	49·6	35·3	42·1	− 4·9	5	0·90	23	+16
	Greenwich ‡ ...	149	a	60	7th	28	10th	49·7	33·7	41·3	− 5·0	4	0·76	19	+12
	Hampstead ...	450	a	58	7th	30	10th	47·4	33·0	39·9	—	4	0·85	22	—
	Camden Square ...	110	a	60	7th	29	10th	48·9	34·7	41·5	− 5·7	4	0·93	24	+16
Surrey	Richmond(KewO)¶	18	t	57	7th	30	10th	48·3	34·5	41·1	− 5·0	5	1·17	30	+23
	Wisley ... ¶	150	a	60	7th	27	10th	48·6	31·9	39·9	− 5·7	5	0·74	19	+12
Kent	Tunbridge Wells ¶	354	h	56	7th	28	10, 11	48·3	31·9	39·7	− 5·8	5	0·72	18	+10
	Margate ... ¶	51	h	54	7th	33	7,10,12	45·6	35·0	40·5	− 5·3	6	0·68	17	+10
	Dungeness ¶	21	t	48	12th	29	7th	45·1	34·1	39·3	− 5·7	5	1·07	27	+20
Sussex	St. Leonards ¶	178	h	50	8th	31	11th	46·4	34·6	40·2	− 5·6	6	0·65	17	+ 9
	Worthing... ...	36	h	53	8th	29	10th	49·0	33·6	40·9	—	3	0·77	20	—
I. of Wight	Ventnor ... ¶	59	a	53	8th	32	11th	49·0	35·6	42·0	− 5·0	4	0·47	12	+ 3
Hampshire	Southampton ¶	64	p	57	7th	29	10th	49·6	32·0	40·4	− 6·9	5	0·79	20	+11
Wiltshire	Marlborough ¶	424	a	55	7th	24	10th	49·0	29·7	38·9	− 5·3	5	0·63	16	+ 6
	Porton ... ¶	363	a	57	7th	24	7th	50·4	28·9	39·1	—	5	0·57	14	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	51	6, 7	28	11th	45·7	30·6	37·8	− 5·7	4	0·16	4	− 9
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	51	6, 7	28	10th	45·3	32·6	38·7	− 4·8	4	0·19	5	− 11
	Blackpool... ¶	66	h	52	7th	28	6th	46·4	34·9	40·4	− 3·8	6	0·33	8	− 3
	Southport ¶	37	h	52	7th	32	6, 11	46·0	35·3	40·4	− 4·1	6	0·30	7	− 4
Manchester	Whitworth Pk. ¶	125	p	56	7th	33	10th	47·6	36·0	41·5	− 4·0	3	0·10	3	− 8
Cheshire	Liverp'l (Bidston)¶	189	a	56	7th	32	11th	46·1	35·7	40·7	− 4·4	5	0·25	6	− 4
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	57	7th	33	11th	49·7	33·4	42·7	− 3·1	4	0·28	7	− 1
Carnarvon	Llandudno ¶	22	h	52	7th	33	10th	47·0	36·7	41·6	− 4·0	5	0·33	9	− 2
Anglesey	Holyhead... ¶	26	t	51	7th	33	10th	46·9	38·0	42·2	− 3·0	5	0·93	23	+11
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	50	7th	32	11th	46·9	35·9	41·1	—	4	0·23	6	—
Pembroke	St. Ann's Hd. ¶	150	t	51	6th	33	10th	46·6	38·0	42·1	− 3·4	4	0·65	16	+ 5
Radnor	Rhayader... ¶	757	a	53	6th	27	6th	45·4	30·7	37·7	—	5	0·81	21	—
Glamorgan	Cardiff ... ¶	202	p	55	6th	32	9, 10	49·4	34·3	41·5	− 4·1	4	0·58	15	+ 1
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	56	7th	27	6th	50·0	32·9	41·0	− 5·0	4	0·80	20	+ 9
Dorset	Shaftesbury ¶	722	a	56	7th	30	7,10,11	48·6	31·4	39·6	− 5·1	5	0·63	16	+ 5
	Portland Bill ¶	19	t	47	6, 8, 11	37	6, 11	46·7	39·4	42·9	− 3·2	3	0·52	13	+ 5
Devon	Arlington ... ¶	613	a	54	7th	29	6th	47·9	33·0	40·1	− 4·6	5	0·99	25	+ 8
	Cullompton ¶	202	a	59	7th	27	7th	51·9	31·4	41·2	− 5·1	5	0·80	20	+ 8
	Plymouth... ¶	116	p	57	7th	34	7,10,11	51·0	36·1	43·2	− 4·1	5	0·66	17	+ 5
Cornwal	Newquay	190	h	50	7, 8	35	7, 10	47·1	37·7	42·2	− 4·6	3	0·49	12	+ 1
	Falmouth... ¶	167	h	56	7th	35	10, 11	51·0	37·4	43·9	− 3·0	4	0·61	15	+ 1
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	50	7th	32	9, 11	45·0	36·3	40·4	− 3·9	6	1·04	26	+16
Mayo	Blacksod Point ¶	10	t	50	7th	34	11th	46·1	38·1	41·9	− 3·9	7	1·31	33	+18
	Mallaranny ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	52	6, 7	31	9,11,12	47·9	33·0	40·1	− 4·5	6	1·85	47	+33
Armagh	Armagh ... ¶	204	p	55	6th	29	11th	48·0	33·1	40·2	− 4·3	5	0·33	8	− 3
Down	Donaghadee ¶	35	t	55	7th	29	11th	48·7	34·9	41·5	− 3·2	5	0·67	17	+ 6
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	59	7th	32	11th	48·6	35·3	41·6	− 4·9	4	0·44	11	+ 1
King's County	Birr Castle ¶	175	t	56	7th	28	9th	47·9	33·7	40·5	− 4·4	5	0·84	21	+10
Kilkenny	Kilkenny ... ¶	195	a	57	7th	30	9th	49·0	35·0	41·7	− 3·7	5	0·31	8	− 3
Waterford	Waterford ¶	137	a	57	7th	31	10th	49·4	35·9	42·3	− 3·7	5	0·38	10	− 3
	Seskin, Carrick-on-Suir	542	p	58	7th	30	9, 10	49·3	33·9	41·2	—	5	0·51	13	—
Limerick	Foynes ... ¶	50	a	—	—	—	—	—	—	—	—	—	—	—	—
Kerry	Cahirciveen ¶	30	t	52	7th	34	9th	48·0	39·0	43·2	− 3·6	5	0·64	16	− 3
	Killarney ... ¶	174	a	60	7th	33	9, 10	50·6	33·1	43·0	− 3·4	6	0·70	18	+ 1
Cork	Roche's Point ¶	32	t	54	7th	34	9, 11	49·1	33·4	43·5	− 3·0	4	0·35	9	− 5
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	54	7th	37	9, 10	50·4	40·7	45·3	− 2·5	5	0·30	7	− 3
Guernsey	Grange ... ¶	173	p	52	7th	35	11th	47·6	39·1	43·2	− 5·1	4	0·70	18	+ 7
Jersey	St. Helier's ¶	44	h	54	7th	39	7,10,11	50·7	40·3	45·3	− 2·9	5	0·69	17	+ 7

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from norm	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	6·6	+0·8	48	3	25	—	—	—	—
Cockle Park §	4·4	− 0·2	32	7	17	39·7	− 2·2	40·6	− 1·5
Tynemouth ..	—	—	—	2	29	—	—	—	—
Durham §	5·2	+0·9	38	6	22	—	—	—	—
Rounton ..	—	—	—	7	11	40·0	—	—	—
West Witton	—	—	—	7	22	38·2	—	37·8	—
Scarborough ¶§	6·6	+1·7	48	4	26	—	—	42·7	—
York §	5·3	+1·0	38	—	—	41·6	− 2·3	41·2	− 2·1
Spurn Head ..	5·7	—	41	—	—	—	—	—	—
Lincoln ..	—	—	—	5	25	41·3	− 2·7	41·8	− 1·6
Cranwell §	4·5	− 0·6	33	5	17	—	—	—	—
Skegness §	4·6	− 0·8	34	—	—	—	—	—	—
Cromer §	4·8	+1·5	36	—	—	—	—	—	—
Yarmouth §	4·2	—	31	2	25	43·7	− 2·3	43·7	− 2·2
Norwich ..	3·7	—	27	5	22	40·9	—	—	—
Geldeston §	3·9	− 1·3	29	—	—	—	—	—	—
Cambridge §	4·4	− 0·8	32	7	19	42·4	− 3·5	42·8	− 2·6
Rothamsted §	4·6	− 0·3	34	6	14	39·7	—	—	—
Tottenham §	2·7	—	20	—	—	—	—	—	—
Clacton-on-Sea §	4·7	− 0·9	35	2	25	42·6	− 3·4	43·3	− 2·9
Southend ..	3·8	—	28	1	28	42·3	—	—	—
Harrogate §	5·7	+0·8	42	6	16	39·9	− 2·5	40·4	− 2·1
Sheffield §	4·4	0·0	32	5	23	39·2	− 3·7	39·3	− 2·9
Buxton ...	3·8	—	28	5	25	38·8	− 3·1	39·3	− 2·3
Worksop §	4·5	+0·2	33	6	16	41·8	—	42·0	—
Nottingham §	3·0	− 1·7	22	5	24	39·5	− 4.3	39·5	− 2·8
Birmingham §	3·1	− 0·6	23	4	23	39·7	− 3·1	42·2	− 1·6
Oundle ...	4·2	—	31	5	15	41·4	—	42·0	—
Oxford §	5·0	+0·1	37	5	20	—	—	—	—
Cheadle ...	—	—	—	7	16	—	—	—	—
Tenbury ...	—	—	—	5	19	41·9	—	—	—
Malvern... ...	5·3	—	39	4	26	41·1	—	41·6	—
Ross on Wye §	5·6	—	41	5	21	42·3	—	42·6	—
Clifton §	6·4	—	47	1	30	—	—	—	—
Westminster	2·3	− 1·7	17	2	23	—	—	—	—
Greenwich ..	2·2	− 2·5	16	6	14	—	—	—	—
Hampstead ..	3·6	—	25	7	17	—	—	—	—
Camden Square	—	—	—	5	25	41·4	—	41·9	—
Richmond § (Kew Obs.)	2·9	− 2·0	22	6	17	41·5	− 4·0	43·0	− 2·3
Wisley §	3·8	− 1·1	28	7	14	41·6	− 3·7	42·4	− 2·5
Tunbridge W'ls§	3·8	− 1·5	28	7	19	42·3	—	43·1	—
Margate §	4·5	− 0·8	33	1	29	43·2	− 2.7	43·7	− 1·9
Folkestone §	3·6	—	27	2	25	—	—	44·7	—
St. Leonards §	3·7	− 1·9	28	5	25	42·7	—	43·8	—
Worthing §	5·7	0·0	42	6	24	42·9	− 4·0	44·0	− 2·2
Ventnor §	5·9	+0·3	44	—	—	—	—	—	—
Southampton §	5·3	− 0·1	39	6	25	—	—	—	—
Marlborough §	4·2	− 0·3	31	5	22	42·2	—	44·1	—
Porton	3·2	—	38	7	17	40·9	—	—	—
Aspatria §	5·1	+0·2	37	5	23	40·8	− 3·0	41·6	− 1·8
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	5·9	+1·2	43	5	23	—	—	—	—
Blackpool §	6·5	+1·0	48	5	25	42·8	—	42·6	—
Southport §	6·4	+0·9	46	4	25	42·4	− 2·9	42·1	− 2·5
Whitworth Pk.	4·2	+0·4	30	—	—	—	—	—	—
Oldham Road	3·7	− 0·4	27	0	31	40·3	− 2·7	42·0	− 1·9
Bidston ..	6·1	—	45	4	28	—	—	—	—
(Ches.)Hoylake§	—	—	—	—	—	—	—	—	—
Llandudno §	6·5	+1·0	48	—	—	—	—	—	—
Holyhead ..	7·2	—	53	2	30	—	—	—	—
Aberystwyth§	7·3	+2·3	56	—	—	—	—	—	—
St. Ann's Hd.§	6·3	+0·9	50	—	—	—	—	—	—
Rhavader §	6·1	—	45	6	18	—	—	—	—
Cardiff ...	6·9	—	51	6	22	42·1	− 3·6	43·1	− 2·0
Bath .. §	4·9	− 0·4	33	—	—	42·8	—	43·7	—
Shaftesbury ..	—	—	—	—	—	—	—	41·5	—
Weymouth ..	6·4	—	48	—	—	—	—	—	—
Cullompton §	6·2	+0·9	43	7	19	43·8	—	—	—
Plymouth §	7·1	+1·4	53	1	29	44·0	− 3·7	45·2	—
Newquay §	6·8	+0·9	50	—	—	44·9	—	45·8	—
Falmouth §	7·4	+1·3	55	1	28	46·8	—	47·3	—
Malin Head ..	5·1	—	37	—	—	—	—	—	—
Mallaranny ..	—	—	—	—	—	—	—	—	—
Markree Castle§	—	—	—	3	25	44·3	− 1·9	44·8	− 0·3
Armagh §	5·6	+0·5	41	5	21	43·1	− 2·0	43·5	− 1·2
Trinity Coll.	—	—	—	5	29	43·5	− 2·6	44·3	− 1·7
Phœnix Park §	4·5	− 1·1	23	6	20	—	—	—	—
Dublin City ..	—	—	—	4	26	—	—	—	—
Birr Castle §	4·4	− 0·8	33	6	19	—	—	—	—
Seskin ..	5·0	—	37	5	24	—	—	—	—
Cahirciveen (Valencia O.)§	6·6	+1·1	48	1	29	—	—	—	—
Ballinacurra §	5·8	+0·1	43	—	—	—	—	—	—
St. Mary's §	7·5	+1·6	56	—	—	—	—	—	—
Grange §	7·7	+1·4	57	1	30	45·4	− 3·1	46·0	− 1·9
St. Helier's §	7·6	+1·3	57	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914]

Week ending at midnight (24h.) on Saturday, April 12th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	o	m.p.h m/s.	d. hr.	m.p.h m/s.	d. h. m.
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	6, 8	3	6 to 8, 11	46	55	53	8	3	230	41 18	6 21	57 25	6 22 40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	6 to 8, 11	30	82	55	1	0	260	32 14	8 2	— —	— — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	—	—	—	—	—	—	—	—	— —	— —	— —	— — —
Edinburgh Edinburgh ...	485	39	31	—	0	7, 8	7	55	83	23	0	260	26 12	7 4	43 19	8 9 5
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	37	109	22	0	280	21 9	7 16	44 20	7 17 25
Dumfries Eskdalemuir ...	825	50	22	—	0	8	18	49	65	36	0	250	33 15	7 23	54 24	7 22 50
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	7, 8	9	61	69	29	0	260	38 17	7 13	49 22	7 12 15
York, E.R. Spurn Head ...	67	41	‡	—	0	8, 12	4	93	50	21	0	300	29 13	8 15	39 17	8 14 35
Lincoln Cranwell ...	280	43	31	—	0	—	0	31	(122)	(15)	0	290	18 8	8 16	22 10	8 16 15
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	12	5	35	105	23	0	140	36 16	12 9	46 21	12 8 50
Essex Shoeburyness...	103	90	‡	—	0	12	3	24	99	38	4	170	25 11	12 5	35 15	12 3 55
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	3	97	68	0	270	14 6	12 15	29 13	12 15 35
Kent Lympne ...	409	70	‡	—	0	12	4	39	102	23	0	210	28 13	12 12	56 25	12 12 5
Surrey Croydon ...	284	40	24	—	0	—	0	10	122	36	0	260	17 8	12 12	41 18	12 15 30
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	—	—	—	—	—	—	—	—	— —	— —	— —	— — —
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	55	96	17	0	250	24 11	12 11	43 19	12 13 50
Wiltshire Larkhill, S'y Plain ...	513	62	43	—	0	12	2	58	(103)	(0)	0	290	28 13	12 14	39 17	12 12 40
7a. ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	8	4	65	88	11	0	260	25 11	8 12	32 14	7 18 50
Lancashire Southport ...	80	62	48	—	0	7, 8	4	99	61	4	0	260	26 12	8 10	34 15	8 9 30
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	—	0	—	0	75	46	47	0	280, 290, 80, 70	21 9	8 6, 8 8, 10 19, 10 29	34 15	8 20 5
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	12	10	35	101	22	0	—	28 13	12 8	51 23	12 10 5
Cornwall Pendennis Castle§ ..	256	65	24	—	0	10, 12	11	36	103	11	7	280	30 13	12 14	50 22	12 14 35
10. IRELAND, S																
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	7	1	99	43	12	13	260	24 11	7 15	— —	— — —
Clare Quilty.. ...	100	40	‡	—	—	—	—	—	—	—	—	—	— —	— —	— —	— — —
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	10 to 12	10	67	75	16	0	340	28 13	10 18	50 22	12 3 25
Cork Weaver Pt. ...	160	30	‡	—	0	10, 12	20	51	95	2	0	—	33 15	10 17	52 23	12 5 45
11a. SCILLY ISLES.																
Scilly St. Mary's	150	32	‡	10	1	8, 10 to 12	52	66	49	0	0	300	41 18	10 21	57 25	12 2 10

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	15	8	3·5	10	7	3·2	12	7	3·1	10	4	1·9	11	8	3·5	1	3	1·4	6	5	2·4	4	3	1·4
North	13	8	3·5	5	4	1·8	7	4	1·8	3	8	3·6	12	6	2·6	23	10	4·5	10	4	1·9	21	11	4·9
West	16	15	6·9	17	13	5·8	13	6	2·8	15	6	2·8	22	9	3·9	20	19	8·3	21	15	6·6	21	12	5·2
East	10	9	4·1	6	5	2·3	10	12	5·3	5	3	1·5	3	9	4·0	6	6	2·8	3	7	3·0	5	4	1·9
Calm (or wind-speed < 4 m.p.h.)	0	—	—	5	—	—	5	—	—	7	—	—	3	—	—	0	—	—	2	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	2	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 16th April, 1924

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

METEOROLOGICAL OFFICE LIBRARY 29 APR 1924

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SIXTEENTH WEEK.
SUNDAY, APRIL 13TH TO SATURDAY, APRIL 19TH, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

SIXTEENTH WEEK of 1924—April 13th to April 19th, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F	°F	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr	%	mb.
0. SCOTLAND, NORTH ..	57	27	47·2	36·0	41·3	− 2·2	15	− 10	19	+ 4	5	+ 1	1·12	28	+11	4·7	− 0·2	32	1008
Eastern.																			
1. SCOTLAND, EAST ..	58	23	49·3	34·7	41·6	− 2·1	20	− 10	23	+ 5	3	− 1	0·25	6	− 4	6·2	+1·2	43	1010
2. ENGLAND, N.E. ..	64	27	53·4	35·9	44·2	− 0·6	32	+ 2	17	+ 6	2	− 1	0·27	7	− 1	6·8	+1·7	48	1014
3. ENGLAND, EAST ..	65	29	55·1	37·1	45·7	− 0·1	40	+ 2	14	+ 3	2	− 1	0·41	10	+ 3	7·0	+1·4	50	1015
4. MIDLAND COUNTIES	67	27	55·5	35·2	44·8	− 1·1	39	− 1	19	+ 6	2	− 1	0·53	13	+ 5	6·7	+1·7	47	1015
5. ENGLAND, S.E. ..	66	27	54·7	37·0	45·4	− 1·5	38	− 4	14	+ 7	3	0	0·65	16	+ 8	6·9	+1·2	50	1017
Western.																			
6. SCOTLAND, WEST[1] ..	57	25	49·2	35·6	42·1	− 3·1	19	− 14	18	+ 8	4	0	0·78	20	+ 5	6·1	+0·9	43	1013
7. ENGLAND, N.W.[2] ..	59	28	50·1	36·7	43·1	− 2·7	23	− 12	15	+ 7	2	− 1	0·32	8	− 2	6·5	+1·0	46	1015
8. ENGLAND, S.W.[3] ..	66	24	53·9	37·6	45·4	− 1·3	36	− 3	12	+ 6	2	− 1	0·80	20	+ 9	6·9	+1·3	50	1016
9. IRELAND, NORTH ..	63	28	50·8	35·6	42·8	− 3·3	24	− 12	18	+11	3	− 1	0·18	5	− 8	—	—	—	1013
10. IRELAND, SOUTH ..	67	26	53·4	36·5	44·5	− 3·0	33	− 10	15	+11	2	− 2	0·23	6	− 7	6·1	+0·9	43	1015
11. CHANNEL ISLANDS[4]	63	40	53·9	43·1	48·2	− 0·7	43	− 5	0	0	3	0	0·98	25	+15	6·8	+0·2	49	1017
MEAN: DISTRICTS 1-10	67	23	52·5	36·2	44·0	− 1·9	30	− 6	17	+ 7	3	− 1	0·44	11	+ 1	6·6	+1·3	47	1014

THE SEASON (Spring).—Aggregates, &c., for the Period of 7 Weeks, March 2nd to April 19th, 1924

0. SCOTLAND, NORTH ..	60	12	45·1	33·3	39·0	− 1·7	69	− 36	216	+44	23	− 10	3·89	98	− 61	3·5	− 0·3	27	1011
Eastern.																			
1. SCOTLAND, EAST ..	60	2	44·9	31·3	37·8	− 3·0	65	− 66	269	+81	19	− 10	1·45	37	− 53	4·0	− 0·2	31	1012
2. ENGLAND, N.E. ..	64	16	46·7	32·1	39·1	− 3·1	97	− 52	238	+95	13	− 13	1·33	34	− 32	5·0	+ 0·5	39	1013
3. ENGLAND, EAST ..	65	20	48·0	33·4	40·5	− 2·4	121	− 64	196	+56	14	− 9	1·62	40	− 23	5·6	+ 1·0	44	1013
4. MIDLAND COUNTIES	67	19	48·8	31·4	39·8	− 3·1	136	− 58	244	+92	13	− 10	2·11	53	− 16	4·6	+ 0·4	36	1013
5. ENGLAND, S.E. ..	66	20	48·7	34·2	41·2	− 2·8	137	− 63	175	+72	19	− 4	2·72	68	− 2	5·6	+ 0·9	44	1013
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	47·3	32·4	39·6	− 2·8	103	− 43	223	+94	15	− 14	2·62	66	− 64	4·9	+ 0·6	39	1013
7. ENGLAND, N.W.[2] ..	61	21	47·3	34·2	40·5	− 2·4	106	− 52	181	+69	14	− 11	1·75	44	− 47	5·5	+ 1·2	43	1012
8. ENGLAND, S.W.[3] ..	66	15	49·0	35·2	41·8	− 2·4	144	− 51	152	+63	16	− 9	3·34	84	− 20	5·7	+ 1·0	45	1012
9. IRELAND, NORTH ..	63	18	48·1	35·0	41·3	− 2·1	125	− 44	160	+55	20	− 11	2·09	54	− 53	—	—	—	1012
10. IRELAND, SOUTH ..	67	21	49·8	36·4	42·8	− 2·0	167	− 49	125	+44	17	− 11	1·95	50	− 62	4·8	+ 0·2	38	1011
11. CHANNEL ISLANDS[4]	63	30	50·0	40·8	45·2	− 1·5	195	− 59	38	+12	22	− 5	3·73	96	+ 9	6·2	+ 0·7	49	1012
MEAN: DISTRICTS 1-10 ..	67	2	47·9	33·6	40·4	− 2·6	120	− 54	196	+72	16	− 10	2·10	53	− 37	5·1	+ 0·7	40	1012

THE YEAR. Aggregates, &c., for the Period of 16 Weeks December 30th, 1923, to April 19th, 1924

0. SCOTLAND NORTH	60	12	44·3	34·8	39·5	+0·3	127	− 32	410	− 68	67	− 12	12·34	313	−121	2·1	− 0·3	21	1010
Eastern.																			
1. SCOTLAND, EAST ..	60	2	43·5	32·7	38·0	− 0·9	113	− 75	557	+16	58	− 7	5·40	138	− 79	2·6	− 0·3	25	1012
2. ENGLAND, N.E. ..	64	16	44·4	33·3	38·8	− 1·3	142	− 77	503	+72	43	− 17	4·50	115	− 40	3·1	− 0·1	30	1014
3. ENGLAND, EAST ..	65	18	44·8	33·8	39·2	− 1·2	162	104	474	+25	47	− 11	5·[illegible]5	135	− 17	3·4	+ 0·1	32	1015
4. MIDLAND COUNTIES	67	15	45·7	32·8	39·2	− 1·2	193	− 89	509	+41	46	− 12	6·15	155	− 20	2·9	0·0	27	1014
5. ENGLAND S.E ..	66	17	46·1	34·8	40·4	− 1·2	211	− 93	393	+45	49	− 8	6·33	161	− 23	3·6	+ 0·3	34	1015
Western.																			
6. SCOTLAND, WEST[1] ..	60	15	45·6	34·1	39·8	− 0·9	178	− 45	430	+59	57	− 14	9·89	250	−105	3·0	+ 0·1	28	1013
7. ENGLAND, N.W.[2] ..	61	21	45·5	35·4	40·4	− 0·7	177	− 65	362	+14	50	− 12	6·22	157	− 82	3·4	+ 0·4	32	1014
8. ENGLAND, S.W.[3] ..	66	14	47·0	36·1	41·5	− 0·9	248	− 75	307	+30	51	− 12	9·74	246	− 35	3·7	+ 0·4	34	1014
9. IRELAND, NORTH ..	63	18	47·2	36·6	41·9	0·0	258	− 23	274	− 27	65	− 10	8·05	206	− 73	—	—	—	1012
10. IRELAND, SOUTH ..	67	21	48·6	37·7	43·1	− 0·2	339	− 44	220	− 16	57	− 12	9·65	244	− 60	3·0	− 0·2	29	1013
11. CHANNEL ISLANDS[4]	63	30	48·8	41·1	44·9	− 0·4	413	− 52	88	− 12	61	− 8	9·73	249	+12	3·9	0·0	37	1014
MEAN: DISTRICTS 1-10 ..	67	2	45·8	34·7	40·2	− 0·9	202	− 69	403	+26	52	− 11	7·13	181	− 53	3·2	+ 0·1	30	1014
	°F.	°F	°F.	°F	°F	°F.	Day-deg. F	Day-deg F	Day-deg. F.	Day-deg F	days.	days.	in	mm.	mm	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands) (*and Scilly*.
Comparison with the normal for the time of year ..	Warmth ..	Deficient	Deficient	Moderate	Moderate	Moderate	Moderate	Deficient	Deficient	Moderate	Deficient	Deficient	Moderate
	Rainfall ..	Heavy	Moderate	Moderate	Moderate	Moderate	Heavy	Heavy	Moderate	Heavy	Light	Light	Heavy
	Sunshine ..	Moderate	Abundant	Abundant	Abundant	Abundant	Abundant	Abundant	Abundant	Abundant	Abundant	Abundant	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 7 weeks from March 2nd, 1924	Warmth ..	1, 3, 3	0, 1, 6	0, 3, 4	0, 3, 4	0, 3, 4	0, 3, 4	1, 1, 5	1, 1, 5	0, 4, 3	1, 2, 4	1, 2, 4	0, 4, 3
	Rainfall ..	2, 1, 4	0, 4, 3	0, 2, 5	1, 3, 3	0, 5, 2	3, 2, 2	1, 3, 3	0, 5, 2	1, 4, 2	1, 0, 6	0, 2, 5	2, 3, 2
	Sunshine ..	1, 5, 1	2, 4, 1	2, 4, 1	4, 1, 2	4, 1, 2	4, 2, 1	4, 2, 1	6, 0, 1	5, 1, 1	5, 1, 1	4, 2, 1	4, 1, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was of a rather unsettled character in Scotland and rain and snow fell in several parts, while "snow lying" to a depth of 1½ ins. was registered in one or two places and to a depth of 3 ins. at Colmonell (Ayr). Rain fell in most parts of England and Ireland on the first two days of the week, but after the 14th the weather was, as a whole, fine and dry with good records of sunshine. The highest temperatures of the week occurred generally on the 18th or 19th and in several Districts maximum readings above 60°F. were recorded, while at a few places maxima of 65°F. or slightly above were registered. The lowest of the screen minima, 22°F., occurred at Eskdalemuir on the 17th, but ground frosts were general and at a few stations the readings of the grass thermometer were below 20°F., the actual lowest reading being 12°F. at Rounton (N. Riding) on the 17th. The mean temperature for the week was below normal in all Districts. Among the largest amounts of precipitation were 28mm. at Arlington, 27mm. at Cullompton, Plymouth and Torquay and 25mm. at Cardiff, Falmouth and Marlborough (Wilts) on the 13th, and 34mm. at Ford (Argyll) on the 18th. At a large number of stations sunshine values ranging between 11hrs. and 13hrs. were recorded on various days. Among the largest amounts were 13·0hrs. at Durham and Scarborough on the 15th, 12·9hrs. at Cockle Park (Northumberland) on the 15th and 16th, while on the 17th Harrogate had a measurement of 13·6hrs., Crathes (Kincardine) 12·9hrs. and Aberystwyth, Cullompton, Plymouth and Weymouth about 12·5hrs. The total amount of sunshine for the week was in excess of the normal at nearly all stations. Solar and lunar halos were observed on various dates in several parts of the country. A parhelion was seen at Ross-on-Wye on the 16th and at Oxford on the 16th and 18th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878. SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
0. SCOTLAND, N.		Ft.		°F		°F		°F	°F.	°F	°F		in	mm.	mm
Shetlands	Lerwick ¶	54	t	50	19th	31	13th	44·9	36·4	40·5	− 1·0	6	1·24	32	+20
Orkneys	Deerness	160	p	51	19th	31	13th	47·0	35·3	40·9	− 1·5	7	0·85	22	+11
Hebrides	Stornoway ¶	51	t	53	18th	32	13th	46·9	37·1	41·8	− 1·7	7	1·17	30	+14
	Castlebay	37	t	50	19th	33	13th	46·6	39·6	42·9	—	5	0·29	7	—
Caithness	Wick ... ¶	81	t	54	19th	29	13th	47·1	36·0	41·3	− 1·8	4	0·21	5	− 6
Ross and Cromarty	Strathpeffer ¶	125	a	57	19th	30	17th	49·4	36·0	42·4	− 1·8	3	0·67	17	+ 6
	Achnashellach ¶	225	h	50	17, 19	29	17th	46·1	35·6	40·6	—	7	2·00	51	—
Inverness	Inverness	242	h	57	19th	32	13, 17	48·3	36·7	42·2	—	4	0·33	9	—
	Fort Augustus ¶	68	a	54	19th	27	15th	48·6	34·0	41·0	− 3·0	4	1·06	27	+13
	Onich ... ¶	48	h	50	18, 19	30	17th	47·3	36·6	41·7	—	6	1·48	38	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	58	19th	32	13, 17	49·3	36·1	42·4	− 1·6	3	0·05	1	− 7
Elgin	Gordon Castle ¶	101	p	56	19th	29	13th	50·1	35·7	42·6	− 1·7	2	0·17	4	− 5
Aberdeen	Aberdeen ... ¶	46	t	56	19th	31	13th	50·1	36·1	42·8	—	2	0·32	8	− 2
	Balmoral ... ¶	930	a	56	19th	27	13th	46·7	32·1	39·1	− 1·8	4	0·20	5	− 6
Perth	Crieff ... ¶	478	p	55	19th	29	17th	48·9	34·4	41·3	− 3·5	5	0·43	11	0
Forfar	Dundee	147	a	57	18, 19	32	17th	51·1	35·9	43·1	—	2	0·16	4	—
Fife	Inchkeith ... ¶	190	t	54	18th	33	13, 15	48·7	37·6	42·9	—	5	0·13	3	—
Midlothian	Edinburgh ...	441	p	56	18th	30	13th	50·0	36·3	42·8	− 1·2	4	0·37	9	+ 2
Peebles	West Linton ¶	770	a	53	19th	23	17th	48·0	33·0	40·1	− 1·3	5	0·64	16	—
Berwick	Marchmont ¶	498	a	57	18th	27	13th	52·3	32·4	41·9	− 1·5	2	0·10	3	− 8
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	51	19th	25	17th	48·1	35·1	41·3	—	6	1·98	50	—
Renfrew	Renfrew ... ¶	36	t	55	18th	25	17th	49·1	34·7	41·6	—	4	0·76	19	—
Bute	Rothesay ... ¶	200	p	52	18th	31	14th	48·1	36·4	42·0	− 3·6	5	1·14	29	+13
Ayr	Kilmarnock ¶	90	a	57	18th	29	17th	50·4	36·4	43·1	− 1·4	4	0·53	13	+ 2
	Colmonell... ¶	170	a	55	18th	28	17th	49·9	36·0	42·6	− 2·2	5	0·27	7	− 6
Dumfries	Dumfries ... ¶	140	p	57	19th	27	13th	50·1	34·3	41·8	− 3·7	3	0·69	17	+ 5
	Eskdalemuir ...	794	t	53	18th	22	17th	48·4	29·1	38·3	—	5	0·52	13	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F	°F.
Lerwick ..	5·5	—	37	—	—	—	—	—	—
Deerness §	4·7	− 0·6	32	—	—	—	—	—	—
Stornoway §	4·1	− 1·4	28	—	—	—	—	—	—
Castlebay ..	6·4	—	44	—	—	—	—	—	—
Achnashellach	—	—	—	4	22	—	—	—	—
Inverness §	5·2	—	36	4	28	—	—	—	—
Onich ...	3·8	—	26	1	20	—	—	—	—
Nairn §	5·1	—	35	—	—	—	—	—	—
Gordon Castle	6·1	—	42	—	—	—	—	—	—
Aberdeen §	6·7	+1·3	46	4	24	—	—	41·6	− 0·8
Balmoral	—	—	—	5	23	—	—	—	—
(Kincj. Crathes§	6·5	+1·4	45	7	19	39·3	—	40·4	—
Dundee §	6·2	—	43	4	25	41·1	—	—	—
Inchkeith ...	6·9	—	48	—	—	—	—	—	—
Edinburgh §	6·4	+1·7	45	3	22	—	—	—	—
West Linton	-	—	—	6	17	—	—	—	—
Marchmont §	6·5	+1·6	45	—	—	—	—	—	—
Ford	-	—	—	4	21	42·4	—	42·0	—
Renfrew ..	5·4	—	37	4	16	—	—	—	—
Rothesay §	5·5	+0·7	38	2	26	41·9	—	43·0	− 1·4
Kilmarnock ..	5·9	—	41	—	—	42·5	—	42·6	—
Colmoneli ..	-	—	—	3	25	—	—	—	—
Dumfries ..	5·9	—	41	5	15	41·1	− 3·9	41·1	− 2·9
Eskdalemuir §	6·1	+1·5	43	6	18	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine
† Earth temperature at 3 feet
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	F°		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	57	19th	32	14, 15	49·0	36·6	42·5	− 2·9	1	0·06	2	− 11
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	61	19th	27	15th	51·6	32·6	41·6	− 1·1	2	0·12	3	− 6
	Tynemouth ¶	118	t	60	18, 19	32	13th	52·6	37·0	44·4	+ ·3	2	0·21	5	− 3
Durham	Durham ... ¶	336	p	59	19th	29	13th	52·7	33·6	42·7	− 1·4	2	0·22	6	− 2
York,	Rounton ... ¶	249	p	58	19th	28	13, 15	52·0	34·9	43·0	− 0·9	2	0·27	7	− 2
N. Riding	West Witton ...	605	a	55	17th	27	13th	50·3	32·3	40·9	—	3	0·36	9	—
	Scarborough ¶	118	h	64	19th	34	15th	55·9	38·7	46·9	+1·9	2	0·27	7	− 1
	York ... ¶	56	p	58	18, 19	31	13, 15	58·4	35·9	44·2	− 1·9	2	0·59	15	+ 6
E. Riding	Spurn Head ¶	26	t	56	18th	36	13th	50·1	39·3	44·4	− 0·7	2	0·31	8	+ 2
Lincoln	Lincoln ... ¶	58	a	61	19th	32	16, 17	56·7	36·1	45·9	− 0·6	2	0·22	6	− 1
	Cranwell ... ¶	236	t	61	19th	31	17th	55·7	35·0	44·9	− 1·4	2	0·24	6	− 2
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	63	18th	35	13, 15, 18	53·9	37·6	45·4	+0·2	2	0·37	9	+ 4
	Yarmouth ¶	13	t	64	19th	34	16, 17	54·0	37·7	45·5	+0·6	2	0·42	11	+ 4
	Norwich ... ¶	93	a	63	19th	31	16th	55·9	36·7	45·8	− 0·1	2	0·46	12	+ 5
	Geldeston ... ¶	37	a	65	19th	32	17th	56·6	37·0	46·3	+0·8	1	0·36	9	+ 3
Cambridge	Cambridge ¶	41	p	64	19th	29	16th	57·1	34·3	45·2	− 1·2	1	0·35	9	+ 3
Hertford	Rothamsted ¶	420	a	60	19th	32	13, 18	52·4	35·7	43·7	− 1·8	2	0·45	11	+ 4
Middlesex	Tottenham ¶	51	p	65	19th	31	13th	57·0	39·1	47·6	—	2	0·53	13	—
Essex	Clacton-on-Sea ¶	55	t	65	19th	35	13, 16	54·3	38·9	46·2	+0·7	3	0·33	9	+ 3
	Southend	90	h	65	19th	34	13th	56·3	39·6	47·6	—	2	0·39	10	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	56	17th	29	13th	50·9	33·1	41·6	− 2·5	2	0·48	12	+ 3
W. Riding	Sheffield	429	p	59	18th	31	15th	53·4	37·0	44·8	—	2	0·56	14	+ 5
Derby	Buxton	987	p	56	18th	25	15th	50·0	32·3	40·7	− 2·2	2	0·82	21	+ 8
Nottingham	Worksop (Hods'ck) ¶	56	a	63	18th	27	17th	57·7	34·3	45·4	− 0·4	2	0·26	7	0
	Nottingham ¶	82	t	61	18, 19	30	17th	55·6	35·1	44·9	− 1·1	2	0·29	7	+ 1
Warwick	Birmingham (Edg) ¶	525	t	61	18, 19	32	13th	54·7	37·4	45·6	− 0·2	2	0·37	9	+ 1
Northampton	Oundle ... ¶	147	a	61	18, 19	31	16, 18	55·6	34·6	44·6	—	1	1·38	10	—
Oxford	Oxford ... ¶	208	p	67	19th	32	13th	58·0	37·4	47·2	+0·2	1	0·75	19	+12
Stafford	Cheadle ... ¶	646	a	61	18, 19	27	13th	54·6	33·1	43·3	− 1·4	2	0·86	22	+13
Worcester	Tenbury ... ¶	313	p	64	19th	27	17th	56·1	33·7	44·4	− 1·5	1	0·64	16	+ 9
	Malvern	377	h	61	19th	35	13th	55·0	35·7	46·5	—	2	0·52	13	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	60	18, 19	34	17th	56·1	38·0	46·6	− 1·2	1	0·72	18	+ 9
5. ENGLAND, S.E.															
London	Westminster ...	27	a	65	19th	33	16th	57·3	39·3	47·9	− 0·1	3	0·41	11	+ 4
	Greenwich ‡ ...	149	a	67	19th	31	16th	57·6	37·4	47·0	− 0·4	2	0·48	12	+ 5
	Hampstead ...	450	a	64	19th	31	13th	56·9	37·7	46·8	—	2	0·48	12	—
	Camden Square ...	110	a	66	19th	33	13th	58·1	38·3	47·7	− 0·7	2	0·44	11	+ 3
Surrey	Richmond (Kew O) ¶	18	t	65	19th	33	18th	56·6	37·9	46·8	− 0·3	3	0·39	10	+ 3
	Wisley ... ¶	150	a	64	19th	32	13, 16, 18	56·4	36·3	45·9	− 0·7	2	0·45	11	+ 4
Kent	Tunbridge Wells ¶	354	h	65	19th	30	16th	55·4	35·7	45·1	− 1·4	3	0·62	16	+ 8
	Margate ... ¶	51	h	61	19th	37	13th	54·1	40·1	46·8	0·0	3	0·31	8	+ 1
	Dungeness ¶	21	t	53	16th	35	13, 16, 18	50·3	38·6	44·2	− 1·8	3	0·68	17	+10
Sussex	St. Leonards ¶	178	h	61	19th	35	13th	51·9	39·9	45·6	− 1·2	3	0·74	19	+11
	Worthing... ...	36	h	57	19th	34	18th	53·0	37·7	45·0	—	2	0·63	16	—
I. of Wight	Ventnor ... ¶	59	a	61	19th	38	13, 18	54·3	40·0	46·8	− 1·1	4	0·78	20	+12
Hampshire	Southampton ¶	64	p	66	19th	31	18th	56·3	35·6	46·0	− 2·3	2	0·85	21	+12
Wiltshire	Marlborough ¶	424	a	62	19th	27	18th	55·7	31·6	43·1	− 2·1	2	0·98	25	+15
	Porton ... ¶	363	a	62	19th	29	17th	55·5	33·3	43·9	—	2	0·68	17	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e) ¶	487	p	53	19th	28	13th	48·6	34·0	41·0	− 3·8	2	0·07	2	− 9
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	55	18th	28	13th	49·1	34·0	41·2	− 3·7	2	0·19	5	− 8
	Blackpool... ¶	66	h	54	18th	30	13th	49·9	36·1	42·7	− 2·8	2	0·28	7	− 2
	Southport ¶	37	h	57	18th	31	13, 15	50·3	37·2	43·4	− 2·4	2	0·24	6	− 3
Manchester	Whitworth Pk. ¶	125	p	59	18th	29	15th	51·7	35·1	43·0	− 3·9	2	0·31	8	− 1
Cheshire	Liverp'l (Bidston) ¶	189	a	57	18th	33	15th	50·7	38·0	44·1	− 2·3	2	0·32	8	0
7b. NORTH WALES.															
Flint	Hawarden Bridge ¶	22	a	59	18, 19	—	—	53·0	—	—	—	2	0·38	10	+ 3
Carnarvon	Llandudno ¶	22	h	56	18th	34	15th	50·6	38·4	44·2	− 2·7	2	0·70	18	+ 9
Anglesey	Holyhead ... ¶	26	t	53	17, 19	36	13, 14	49·7	40·7	45·0	− 1·3	3	0·30	8	− 2
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	54	18th	31	15th	50·4	37·6	43·7	—	2	0·53	13	—
Pembroke	St. Ann's Hd. ¶	150	t	51	18, 19	36	15th	48·9	40·0	44·2	− 1·9	3	0·64	16	+ 6
Radnor	Rhayader... ¶	757	a	59	19th	24	17th	52·3	32·0	41·7	—	1	0·04	1	—
Glamorgan	Cardiff ... ¶	202	p	61	18th	32	17th	55·3	37·4	45·9	− 0·6	2	1·01	26	+14
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	61	19th	32	17, 18	57·0	36·9	46·5	− 0·5	1	0·57	14	+ 4
Dorset	Shaftesbury ¶	722	a	—	—	—	—	—	—	—	—	—	—	—	—
	Portland Bill ¶	19	t	54	15th	41	15th	51·0	43·3	47·0	+0·1	3	0·64	16	+ 9
Devon	Arlington ... ¶	613	a	60	18, 19	30	13th	53·9	35·1	44·1	− 1·4	1	1·12	28	+13
	Cullompton ¶	202	a	66	19th	31	18th	58·0	35·1	46·0	− 1·1	2	1·07	27	+16
	Plymouth... ¶	116	p	58	19th	33	13th	54·3	38·6	46·1	− 2·0	1	1·06	27	+16
Cornwal	Newquay	190	h	63	19th	33	13th	53·1	39·7	46·1	− 1·4	2	0·86	22	+13
	Falmouth... ¶	167	h	58	18, 19	34	13th	54·0	40·0	46·7	− 0·9	2	1·04	27	+15
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	54	19th	32	13th	47·6	37·9	42·5	− 3·1	7	0·74	19	+ 8
Mayo	Blacksod Point ¶	10	t	52	19th	34	13th	48·4	38·4	43·2	− 3·9	2	0·03	1	− 15
	Mallaranny ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	57	19th	28	17th	51·6	33·9	42·3	− 3·6	2	0·04	1	− 14
Armagh	Armagh ... ¶	204	p	59	19th	29	13, 14, 17	52·9	30·6	43·3	− 2·7	1	0·03	1	− 11
Down	Donaghadee ¶	35	t	60	19th	31	17th	51·3	36·4	43·5	− 2·5	2	0·16	4	− 8
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	64	19th	32	13th	54·6	37·3	45·5	− 2·4	1	0·26	7	− 3
King's County	Birr Castle ¶	175	t	63	19th	29	13, 15	53·0	32·4	42·2	− 4·1	1	0·06	1	− 10
Kilkenny	Kilkenny ... ¶	195	a	67	19th	26	15th	55·0	31·9	42·9	− 3·9	3	0·38	10	− 1
Waterford	Waterford ¶	137	a	58	19th	30	13th	52·6	37·0	44·4	− 3·0	1	0·31	8	− 5
	Seskin, Carrick-on-Suir	542	p	62	19th	29	13th	53·4	34·9	43·7	—	2	0·22	6	—
Limerick	Foynes ... ¶	50	a	62	19th	32	17th	54·1	37·0	45·1	− 2·7	2	0·21	5	− 8
Kerry	Cahirciveen ¶	30	t	59	19th	29	15th	51·6	38·9	45·0	− 3·2	1	0·08	2	− 16
	Killarney ... ¶	174	a	64	19th	28	15th	55·5	37·6	46·1	− 1·7	2	0·03	1	− 16
Cork	Roche's Point ¶	32	t	54	19th	32	13th	50·9	39·6	45·0	− 2·8	3	0·51	1	− 1
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	56	19th	40	15th	52·7	43·0	47·6	− 0·8	2	0·83	21	+12
Guernsey	Grange ... ¶	173	p	63	19th	40	13, 17	54·3	42·6	48·2	− 0·9	3	0·98	25	+15
Jersey	St. Heliers ¶	44	h	61	19th	40	17th	54·6	43·6	48·8	− 0·3	3	1·12	28	+18

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	6·6	+0·5	47	4	26	—	—	—	—
Cockle Park §	7·7	+2·9	54	6	16	40·0	− 3·4	40·9	− 2·1
Tynemouth ..	—	—	—	3	30	—	—	—	—
Durham §	6·7	+2·1	47	4	21	—	—	—	—
Rounton ..	—	—	—	5	12	40·9	—	—	—
West Witton	—	—	—	5	19	38·8	—	38·4	—
Scarborough †§	7·4	+2·2	52	3	27	—	—	43·8	—
York §	5·7	+1·2	40	—	—	42·0	− 3·2	42·1	− 1·9
Spurn Head ..	6·4	—	45	—	—	—	—	—	—
Lincoln ..	—	—	—	4	27	42·6	− 3·1	42·5	− 1·7
Cranwell §	6·8	+1·4	48	5	22	—	—	—	—
Skegness §	6·6	+0·9	47	—	—	—	—	—	—
Cromer §	6·6	+0·9	47	—	—	—	—	—	—
Yarmouth §	6·8	—	48	1	30	44·6	− 3·1	44·9	− 1·9
Norwich ..	6·9	—	49	4	24	43·0	—	—	—
Geldeston §	5·8	+0·1	41	—	—	—	—	—	—
Cambridge §	7·6	+1·9	54	5	22	44·0	− 3·4	43·4	− 2·9
Rothamsted §	7·7	+2·4	55	5	24	41·3	—	—	—
Tottenham §	7·0	—	50	—	—	—	—	—	—
Clacton-on-Sea §	7·5	+1·3	53	1	29	44·5	− 2·7	44·1	− 2·9
Southend ..	7·6	—	54	0	31	44·1	—	—	—
Harrogate §	6·5	+1·3	46	6	18	40·4	− 3·3	41·0	− 2·4
Sheffield §	6·0	+1·3	42	4	25	40·1	− 4·2	40·0	− 2·9
Buxton ...	4·9	—	34	4	25	39·5	− 4·1	39·7	− 2·5
Worksop §	6·2	+1·6	44	5	20	42·8	—	42·5	—
Nottingham §	5·9	+0·9	42	4	27	41·3	− 4·1	40·3	− 3·0
Birmingham §	5·7	+1·7	40	5	19	40·8	− 3·0	42·2	− 2·0
Oundle ...	6·9	—	49	5	23	42·9	—	42·3	—
Oxford §	8·5	+3·3	61	5	24	—	—	—	—
Cheadle ...	—	—	—	5	18	—	—	—	—
Tenbury ...	—	—	—	5	21	44·1	—	—	—
Malvern... ...	7·2	—	52	2	28	43·9	—	42·4	—
Ross on Wye §	7·7	—	55	4	22	45·2	—	43·8	—
Clifton §	6·8	—	49	0	32	—	—	—	—
Westminster	6·0	+1·6	43	3	27	—	—	—	—
Greenwich ..	5·4	+0·3	39	4	21	—	—	—	—
Hampstead ..	7·7	—	55	5	22	—	—	—	—
Camden Square	—	—	—	4	28	42·8	—	42·3	—
Richmond § (Kew Obs.)	7·3	+1·9	52	4	24	43·9	− 3·0	43·5	− 2·5
Wisley §	7·1	+1·7	50	5	19	44·4	− 2·3	43·0	− 2·7
Tunbridge W'l §	6·7	+1·0	48	5	23	44·3	—	43·6	—
Margate §	7·1	+1·3	50	0	32	45·5	− 1·6	44·8	− 1·6
Folkestone §	6·6	—	48	0	31	—	—	45·0	—
St. Leonards §	6·5	+0·3	47	1	29	45·7	—	44·1	—
Worthing §	6·7	+0·5	48	4	29	46·0	− 2·5	44·7	− 2·3
Ventnor §	6·4	+0·3	46	—	—	—	—	—	—
Southampton §	7·6	+1·7	55	4	27	—	—	—	—
Marlborough §	7·2	+2·3	51	4	26	44·8	—	44·7	—
Porton	7·9	—	57	6	22	43·4	—	—	—
Aspatria §	6·2	+1·8	43	4	24	40·9	− 4·5	41·5	− 2·6
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	5·5	+0·3	39	4	20	—	—	—	—
Blackpool §	5·9	− 0·3	41	4	22	43·6	—	43·1	—
Southport §	6·8	+0·9	48	4	24	43·4	− 3·9	42·8	− 3·0
Whitworth Pk.	4·6	+0·5	32	—	—	—	—	—	—
Oldham Road	4·3	− 0·3	30	3	27	40·1	− 4·4	42·3	− 2·4
Bidston ..	7·2	—	51	2	27	—	—	—	—
(Ches.) Hoylake §	7·2	+1·5	51	—	—	—	—	—	—
Llandudno §	6·9	+0·9	49	—	—	—	—	—	—
Holyhead	6·8	—	48	1	30	—	—	—	—
Aberystwyth §	6·6	+1·2	47	—	—	—	—	—	—
St. Ann's Hd. §	6·8	+0·9	49	—	—	—	—	—	—
Rhayader §	6·6	—	47	5	13	—	—	—	—
Cardiff ...	7·7	—	55	4	23	44·9	− 2·4	43·8	− 2·0
Bath .. §	7·3	+1·8	52	—	—	45·5	—	44·4	—
Shaftesbury ..	—	—	—	—	—	—	—	—	—
Weymouth ..	8·0	—	57	—	—	—	—	—	—
Cullompton §	6·9	+1·6	50	5	24	46·6	—	—	—
Plymouth §	7·2	+1·3	52	2	30	46·5	− 2·7	45·7	—
Newquay §	6·9	+0·9	49	—	—	46·7	—	46·2	—
Falmouth §	7·1	+0·9	51	1	25	49·3	—	48·2	—
Malin Head ..	6·0	—	42	—	—	—	—	—	—
Mallaranny ..	—	—	—	—	—	—	—	—	—
Markree Castle §	—	—	—	5	24	44·2	− 3·6	44·8	− 0·9
Armagh §	6·4	+1·6	45	4	19	42·9	− 3·7	43·6	− 1·9
Trinity Coll	—	—	—	3	27	44·1	− 3·5	44·5	− 2·2
Phœnix Park §	7·6	+2·3	54	4	21	—	—	—	—
Dublin City	—	—	—	3	26	—	—	—	—
Birr Castle §	6·5	+1·6	46	4	18	—	—	—	—
Seskin	6·0	—	43	5	18	—	—	—	—
Cahirciveen (Valencia O.) §	4·8	− 0·3	35	2	24	—	—		
Ballinacurra §	5·6	+0·2	40	—	—	—	—		
St. Mary's §	6·4	+0·2	46	—	—	—	—		
Grange §	7·1	+0·5	51	0	31	48·0	− 1·7	46·6	− 2·0
St. Heliers §	6·8	+0·2	49	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, April 19th, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s	d.	hr.	m.p.h	m/s	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	14	5	14 to 16, 18, 19	51	81	20	5	6	90	45	20	14	19	59	26	14	19	20
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	14 to 16, 18	29	89	36	14	0	130	34	15	14	10	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	14	1	55	102	10	0	130	27	12	14	2	45	20	16	9	55
Edinburgh Edinburgh ...	485	39	31	—	0	15, 16	18	81	56	13	0	240	30	13	15	14	48	21	15	8	30
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	51	82	35	0	230	21	9	18	16	51	23	15	13	55
Dumfries Eskdalemuir ...	825	50	22	—	0	15, 16	11	58	67	32	0	290	30	13	16	9	52	23	15	13	15
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	16	4	70	80	14	0	270	30	13	16	9	46	21	16	8	20
York, E.R. Spurn Head ...	67	41	‡	—	0	13, 14, 19	12	92	59	5	0	190	28	13	14	13	39	17	14	13	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	54	85	29	0	180	23	10	14	13	28	13	14	12	40
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	14	3	45	89	31	0	190	25	11	14	5	35	16	14	14	50
Essex Shoeburyness...	103	90	‡	—	0	14	16	37	99	16	0	210	32	14	14	13	50	22	14	15	40
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	18	85	65	0	210	23	10	14	14	36	16	14	14	20
Kent Lympne ...	409	70	‡	—	0	14	11	62	77	18	0	200	31	14	14	13	44	20	14	15	35
Surrey Croydon ...	284	40	24	—	0	14	3	35	113	17	0	220	26	12	14	14	45	20	14	13	50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	14	2	44	101	5	16	230	29	13	14	14	43	19	14	14	0
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	13, 14	16	60	73	19	0	170	35	16	14	13	53	24	14	12	50
Wiltshire Larkhill, S'y Plain ...	513	63	43	—	0	14	8	48	(109)	(3)	0	220	32	14	14	13	42	19	14	12	50
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	14	4	76	70	18	0	300	28	13	14	14	32	14	14	13	25
Lancashire Southport ...	80	62	48	—	0	14, 16, 18, 19	7	88	63	10	0	300	28	13	14	14	37	17	18	18	25
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	13	1	105	58	4	0	140	26	12	13	12	37	17	{13 {18	12 13	7 9
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	0	—	13, 14	14	36	74	44	0	—	35	16	13	21	45	20	13	20	55
Cornwall Pendennis Castle§ ..	256	65	24	—	0	13, 14	18	28	69	53	0	230	34	15	14	9	55	25	14	8	40
10. IRELAND, S																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	18	1	73	87	7	0	210	24	11	18	10	—	—	—	—	—
Clare Quilty... ...	100	40	‡	—	0	—	0	21	115	32	0	—	27	12	18	11	37	17	17	10	10
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	53	100	15	0	190	21	9	18	11	35	16	13	3	25
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	46	113	9	0	—	21	9	13	5	35	16	13	4	25
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	—	0	13, 14	16	47	97	8	0	260	36	16	14	8	52	23	14	7	45

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W Cahirciveen Frequency	Mean Value m.p.h	Mean Value m/s
South	16	13	6·0	13	8	3·4	8	12	5·4	17	7	3·3	20	9	4·2	17	10	4·5	16	8	3·7	17	8	3·7
North	10	9	3·8	5	7	3·1	12	5	2·3	5	6	2·9	7	9	4·0	9	9	4·1	5	6	2·8	11	5	2·0
West	17	11	5·0	25	14	6·4	17	8	3·5	19	6	2·8	22	9	4·0	13	8	3·6	19	10	4·5	11	6	2·5
East	8	13	5·7	2	4	1·9	2	5	2·1	5	2	0·8	5	6	2·6	12	5	2·2	8	8	3·4	15	4	1·6
Calm (or wind-speed < 4 m.p.h.)	2	—	—	1	—	—	6	—	—	3	—	—	0	—	—	1	—	—	0	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C SIMPSON, F.R.S., Director.

24th April 1924

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First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

SEVENTEENTH WEEK of 1924—April 20th to April 26th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	62	29	50·9	39·8	45·1	+0·7	28	− 1	6	− 6	6	+ 2	0·79	20	+ 3	3·8	− 0·8	25	1008
Eastern.																			
1. SCOTLAND, EAST ..	65	21	52·9	39·2	45·7	+0·9	34	0	8	− 5	5	+ 1	0·63	16	+ 4	3·5	− 1·8	23	1009
2. ENGLAND, N.E. ..	68	24	55·6	41·3	48·2	+2·1	45	+ 8	2	− 6	4	0	0·52	13	+ 2	1·8	− 3·5	12	1012
3. ENGLAND, EAST ..	72	35	58·1	44·3	50·9	+3·4	62	+17	0	− 7	4	0	0·50	13	+ 1	3·3	− 2·5	23	1013
4. MIDLAND COUNTIES	73	28	58·9	43·7	50·9	+3·5	62	+15	0	− 9	4	0	0·52	13	0	3·0	− 2·3	21	1012
5. ENGLAND, S.E. ..	74	35	59·9	46·0	52·6	+4·1	74	+25	0	− 4	3	− 1	0·55	14	0	4·5	− 1·5	32	1013
Western.																			
6. SCOTLAND, WEST[1] ..	64	22	53·8	41·8	47·5	+1·2	39	0	1	− 6	4	0	1·04	26	+ 8	2·7	− 2·5	18	1009
7. ENGLAND, N.W.[2] ..	64	32	54·4	43·9	48·9	+1·8	48	+ 8	0	− 5	5	+ 1	0·59	15	+ 1	1·7	− 3·5	12	1010
8. ENGLAND, S.W.[3] ..	75	35	58·4	45·9	51·9	+3·7	69	+23	0	− 3	4	0	0·64	16	− 3	4·6	− 1·3	32	1012
9. IRELAND, NORTH ..	69	29	54·1	43·9	48·7	+1·9	47	+ 8	0	− 5	5	0	1·03	26	+11	—	—	—	1008
10. IRELAND, SOUTH ..	67	38	56·8	45·7	51·0	+2·6	63	+15	0	− 3	5	+ 1	1·13	29	+10	2·3	− 3·2	16	1009
11. CHANNEL ISLANDS[4]	68	44	58·7	47·0	52·6	+2·6	74	+17	0	0	3	− 1	0·59	15	+ 1	7·0	+0·3	49	1013
MEAN: DISTRICTS 1-10	75	21	56·3	43·6	49·6	+2·5	54	+12	1	− 5	4	0	0·71	18	+ 3	3·0	− 2·5	21	1011

THE SEASON (Spring).—Aggregates, &c., for the Period of 8 Weeks, March 2nd to April 26th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	62	12	45·9	34·1	39·7	− 1·4	97	− 37	222	+38	29	− 8	4·68	118	− 58	3·5	− 0·4	27	1011
Eastern.																			
1. SCOTLAND, EAST ..	65	2	45·9	32·3	38·8	− 2·5	99	− 66	277	+76	24	− 9	2·08	53	− 49	3·9	− 0·4	30	1011
2. ENGLAND, N.E. ..	68	16	47·9	33·3	40·3	− 2·4	142	− 44	240	+89	17	− 13	1·85	47	− 30	4·6	0·0	36	1013
3. ENGLAND, EAST ..	72	20	49·3	34·8	41·8	− 1·7	183	− 47	196	+49	18	− 9	2·12	53	− 22	5·3	+ 0·5	41	1013
4. MIDLAND COUNTIES	73	19	50·1	32·9	41·2	− 2·2	198	− 43	244	+83	17	− 10	2·63	66	− 16	4·4	+ 0·1	34	1013
5. ENGLAND, S.E. ..	74	20	50·1	35·7	42·6	− 2·0	211	− 38	175	+68	22	− 5	3·27	82	− 2	5·4	+ 0·5	42	1013
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	48·1	33·6	40·5	− 2·4	142	− 43	224	+88	19	− 14	3·58	90	− 58	4·6	+ 0·2	36	1012
7. ENGLAND, N.W.[2] ..	64	21	48·2	35·4	41·5	− 2·0	154	− 44	181	+64	19	− 10	2·34	59	− 46	5·0	+ 0·5	39	1012
8. ENGLAND, S.W.[3] ..	75	15	50·1	36·6	43·1	− 1·6	213	− 28	152	+60	20	− 9	3·94	99	− 24	5·5	+ 0·7	43	1012
9. IRELAND, NORTH ..	69	18	48·8	36·1	42·2	− 1·6	172	− 36	160	+50	25	− 11	3·12	80	− 42	—	—	—	1011
10. IRELAND, SOUTH ..	67	21	50·6	37·6	43·9	− 1·3	230	− 34	125	+41	22	− 10	3·08	79	− 52	4·5	− 0·2	35	1011
11. CHANNEL ISLANDS[4]	68	30	51·1	41·5	46·1	− 1·0	269	− 42	38	+12	25	− 6	4·32	111	+10	6·3	+ 0·7	49	1012
MEAN: DISTRICTS 1-10 ..	75	2	48·9	34·8	41·6	− 2·0	174	− 42	197	+67	20	− 10	2·80	71	− 34	4·8	+ 0·2	37	1012

THE YEAR. Aggregates, &c., for the Period of 17 Weeks, December 30th, 1923, to April 26th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	62	12	44·6	35·1	39·8	+0·3	155	− 33	416	− 74	73	− 10	13·13	333	−118	2·2	− 0·4	21	1010
Eastern.																			
1. SCOTLAND, EAST ..	65	2	44·1	33·1	38·5	− 0·7	147	− 75	565	+11	63	− 6	6·03	154	− 75	2·7	− 0·4	25	1011
2. ENGLAND, N.E. ..	68	16	45·0	33·8	39·3	− 1·2	187	− 69	505	+66	47	− 17	5·02	128	− 38	3·1	− 0·2	28	1014
3. ENGLAND, EAST ..	72	18	45·5	34·4	39·9	− 0·9	224	− 87	474	+18	51	− 11	5·85	148	− 16	3·4	0·0	31	1015
4. MIDLAND COUNTIES	73	15	46·5	33·5	39·9	− 0·9	255	− 74	509	+32	50	− 12	6·67	168	− 20	3·0	0·0	28	1014
5. ENGLAND, S.E. ..	74	17	46·9	35·5	41·1	− 0·9	285	− 68	393	+41	52	− 9	6·88	175	− 23	3·7	+ 0·2	34	1014
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	46·1	34·5	40·2	− 0·8	217	− 45	431	+53	61	− 14	10·85	274	− 99	3·0	0·0	28	1013
7. ENGLAND, N.W.[2] ..	64	21	46·0	35·9	40·9	− 0·5	225	− 57	362	+ 9	55	− 11	6·81	172	− 81	3·3	+ 0·2	31	1013
8. ENGLAND, S.W.[3] ..	75	14	47·6	36·7	42·1	− 0·7	317	− 52	307	+27	55	− 12	10·34	261	− 39	3·7	+ 0·3	34	1014
9. IRELAND, NORTH ..	69	18	47·6	37·1	42·3	+0·2	305	− 15	274	− 32	70	− 10	9·08	232	− 62	—	—	—	1012
10. IRELAND, SOUTH ..	67	21	49·1	38·1	43·5	− 0·1	402	− 29	220	− 19	62	− 11	10·78	273	− 50	3·0	− 0·3	28	1012
11. CHANNEL ISLANDS[4]	68	30	49·4	41·4	45·4	− 0·2	487	− 35	88	− 12	64	− 9	10·32	264	+13	4·1	+ 0·1	38	1014
MEAN: DISTRICTS 1-10 ..	75	2	46·4	35·3	40·8	− 0·7	256	− 57	404	+21	57	− 11	7·83	199	− 50	3·2	0·0	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England. N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly.
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Unusual	Unusual	Moderate	Moderate	Unusual	Moderate	Unusual	Unusual
	Rainfall ..	Heavy	Heavy	Moderate	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate	Heavy	Heavy	Moderate
	Sunshine ..	Moderate	Scanty	Very Scanty	Scanty	Scanty	Scanty	Very Scanty	Very Scanty	Moderate	Very Scanty	Very Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 8 weeks from March 2nd, 1924	Warmth ..	1, 4, 3	0, 2, 6	1, 3, 4	1, 3, 4	1, 3, 4	1, 3, 4	1, 2, 5	1, 2, 5	1, 4, 3	1, 3, 4	2, 2, 4	1, 4, 3
	Rainfall ..	3, 1, 4	1, 4, 3	0, 3, 5	1, 4, 3	0, 6, 2	3, 3, 2	2, 3, 3	0, 6, 2	1, 5, 2	2, 0, 6	1, 2, 5	2, 4, 2
	Sunshine ..	1, 6, 1	2, 4, 2	2, 4, 2	4, 1, 3	4, 1, 3	4, 2, 2	4, 2, 2	6, 0, 2	5, 2, 1	5, 1, 2	4, 2, 2	4, 2, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather early in the week, especially in England and Ireland, was fine and dry, and in some parts the day temperatures were decidedly high. After the 22nd the weather became unsettled and showery generally. Snow showers fell in some parts of Scotland, and at several stations in various parts of the country hail was reported. The highest temperatures of the week occurred mostly on 20th or 21st, and in places maximum readings above 70°F. were recorded, while at one or two stations a reading as high as 75°F. was registered. Screen minima below 32°F. occurred in some of the northern parts of the country, the lowest reading, 19°F., being recorded at Eskdalemuir on the 23rd, while at the same station and also at Renfrew a grass temperature as low as 15°F. was obtained. The mean temperature for the week was above the normal in all Districts. The total amount of rainfall for the week was in excess of the normal in most Districts. Among the largest amounts recorded were 18mm. at Achnashellach (Ross-shire), on the 20th, 21mm. at Crieff (Perth), 18mm. at Markree Castle (Sligo) and 17mm. at Rothesay (Bute), Renfrew and Cahirciveen (Valencia Observatory) on the 24th, and 28mm. at Eskdalemuir on the 25th. The sunniest day in most parts of our Islands wes the 21st, when a number of stations recorded sunshine values of between 12hrs. and 13hrs. Among the largest amounts were 13·3 hrs. at Porton (Salisbury Plain) and at Pembroke (St. Ann's Head), 13·1hrs. at Jersey, Southampton and South Farnborough, and 13·0hrs. at Weymouth and Guernsey. The total amount for the week was below the normal in all parts of the country, with the exception of the Channel Islands, where it was above normal. Thunderstorms occurred on the 26th at a large number of places, notably in the eastern and south-eastern parts of England. Aurora was seen at Gordon Castle (Elgin) on the 20th. Solar halos were observed at Oxford on the 20th, 24th, 25th and 26th.

A remarkable double waterspout was seen from Armagh from 5h. to 5h. 15m. on the 23rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week	Deviation from Normal.
		Ft.		°F		°F		°F.	°F.	°F.	°F.		in	mm	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	49	20, 25	29	22nd	45·1	37·9	41·3	- 0·7	7	0·78	20	+ 7
Orkneys	Deerness	160	p	51	20, 25	31	22nd	48·0	36·9	42·2	- 0·8	6	0·50	13	+ 1
Hebrides	Stornoway ¶	51	t	59	26th	34	22nd	50·1	40·4	45·0	+0·9	7	0·86	22	+ 6
	Castlebay	37	t	51	20th	37	23rd	47·9	43·7	45·7	—	5	0·93	23	—
Caithness	Wick ... ¶	81	t	57	20th	31	24th	47·6	37·9	42·5	- 1·2	6	0·50	13	+ 1
Ross and Cromarty	Strathpeffer ¶	125	a	61	25th	32	24th	54·9	40·1	47·1	+2·0	5	0·41	10	- 1
	Achnashellach ¶	225	h	61	26th	33	24th	52·0	40·7	46·1	—	5	1·51	38	—
Inverness	Inverness	242	h	61	26th	33	24th	52·4	38·7	45·2	—	4	0·22	6	—
	Fort Augustus ¶	68	a	62	25th	32	24th	54·9	39·7	46·9	+2·1	5	0·27	7	- 7
	Onich ... ¶	48	h	57	25th	32	23rd	51·6	41·9	46·5	—	5	1·18	30	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	61	25, 26	31	24th	53·6	40·7	46·8	+1·7	4	0·26	7	- 3
Elgin	Gordon Castle ¶	101	p	62	20, 25	30	24th	55·0	39·6	46·9	+1·5	3	0·41	10	- 2
Aberdeen	Aberdeen ... ¶	46	t	65	20th	33	24th	50·4	39·6	44·7	—	6	0·77	19	+ 6
	Balmoral ... ¶	930	a	63	20th	25	24th	51·6	36·4	43·6	+1·5	6	0·47	12	- 2
Perth	Crieff ... ¶	478	p	65	21st	29	23rd	54·7	38·1	46·0	0·0	4	1·68	43	+29
Forfar	Dundee	147	a	58	25th	34	23rd	53·3	41·3	47·0	—	4	0·86	22	—
Fife	Inchkeith ... ¶	190	t	57	20th	33	23rd	51·7	42·1	46·7	—	4	0·33	8	—
Midlothian	Edinburgh ...	441	p	62	20th	31	23rd	54·3	41·1	47·4	+2·4	4	0·35	9	0
Peebles	West Linton ¶	770	a	61	20, 21	21	23rd	53·7	38·1	45·5	+2·9	6	0·48	12	—
Berwick	Marchmont ¶	498	a	65	20th	26	23rd	52·4	39·0	45·4	+0·9	5	0·61	15	+ 1
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	55	21, 22	27	23rd	53·1	41·1	46·8	—	3	1·10	28	—
Renfrew	Renfrew ... ¶	36	t	63	20th	22	23rd	55·9	42·6	48·9	—	3	0·76	19	—
Bute	Rothesay ... ¶	200	p	63	20th	31	23rd	52·3	40·7	46·2	- 0·4	6	1·16	29	+10
Ayr	Kilmarnock ¶	90	a	63	20th	25	23rd	56·1	42·7	49·1	+3·4	4	0·60	15	+ 2
	Colmoneil... ¶	170	a	62	20th	29	23rd	52·9	42·7	47·6	+1·7	4	1·03	26	+10
Dumfries	Dumfries ... ¶	140	p	64	20th	29	23rd	55·0	40·4	47·4	+0·7	4	1·31	33	+18
	Eskdalemuir ...	794	t	62	20, 21	19	23rd	53·6	38·9	45·9	—	5	2·29	58	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F	°F,
Lerwick ..	2·6	—	17	—	—	—	—	—	—
Deerness §	3·5	- 1·5	23	—	—	—	—	—	—
Stornoway §	3·8	- 1·4	25	—	—	—	—	—	—
Castlebay ..	3·2	—	22	—	—	—	—	—	—
Achnashellach	—	—	—	3	25	—	—	—	—
Inverness §	4·2	—	28	1	27	—	—	—	—
Onich ...	2·7	—	18	2	24	—	—	—	—
Nairn §	4·2	—	28	—	—	—	—	—	—
Gordon Castle	4·2	—	28	—	—	—	—	—	—
Aberdeen §	3·5	- 2·1	23	2	27	—	—	42·3	- 0·9
Balmoral	—	—	—	3	21	—	—	—	—
(Kinc). Crathes§§	3·5	- 1·7	23	4	20	43·3	—	40·7	—
Dundee §	3·3	—	22	1	28	45·4	—	—	—
Inchkeith ...	3·4	—	23	—	—	—	—	—	—
Edinburgh §	4·2	- 0·8	28	1	25	—	—	—	—
West Linton	—	—	—	2	17	—	—	—	—
Marchmont §	2·1	- 3·0	14	—	—	—	—	—	—
Ford	—	—	—	1	23	46·2	—	43·2	—
Renfrew ..	3·8	—	26	1	15	—	—	—	—
Rothesay §	4·1	- 0·7	28	1	26	46·7	—	43·0	- 2·3
Kilmarnock ..	3·7	—	25	—	—	46·9	—	43·5	—
Colmoneil ..	—	—	—	1	24	—	—	—	—
Dumfries	3·3	—	22	1	18	46·5	- 0·3	42·7	- 2·5
Eskdalemuir §	1·8	- 2·7	12	1	15	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F	°F.	°		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	64	20th	32	23rd	51·3	42·1	46·5	+0·1	4	1·32	34	+19
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	65	20th	24	23rd	53·1	37·6	45·0	+1·0	4	0·89	23	+10
	Tynemouth ¶	118	t	63	20th	32	23rd	52·7	43·1	47·7	+2·4	5	0·40	10	- 1
Durham	Durham ... ¶	336	p	62	20th	33	22nd	54·9	39·4	46·8	+1·4	5	0·48	12	+ 1
York,	Rounton ... ¶	249	p	65	20th	29	23rd	56·7	39·3	47·6	+2·4	6	0·59	15	+ 4
N. Riding	West Witton ...	605	a	62	21st	28	23rd	53·6	41·0	47·0	—	4	0·61	15	—
	Scarborough ¶	118	h	68	20th	34	23rd	55·7	43·6	49·4	+3·1	4	0·29	7	- 4
	York ... ¶	56	p	64	20, 21	30	23rd	57·6	41·6	49·2	+1·6	5	0·50	13	+ 2
E. Riding	Spurn Head ¶	26	t	59	24th	35	23rd	52·1	42·3	47·0	+0·5	4	0·41	10	+ 2
Lincoln	Lincoln ... ¶	58	a	66	21st	33	23rd	59·4	42·7	50·7	+2·6	4	0·64	16	+ 6
	Cranwell ... ¶	236	t	67	21st	35	23rd	58·4	42·3	50·0	+2·2	3	0·51	13	+ 2
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	64	26th	35	23, 24	56·9	42·9	49·6	+2·8	5	0·75	19	+10
	Yarmouth ¶	13	t	64	25th	38	23rd	54·7	44·3	49·3	+2·8	4	0·47	12	+ 1
	Norwich ... ¶	93	a	65	20th	35	23rd	58·5	43·0	50·4	+2·7	5	0·63	16	+ 3
	Geldeston ... ¶	37	a	66	20th	36	23rd	57·5	42·9	49·9	+2·7	1	0·46	12	+ 1
Cambridge	Cambridge ¶	41	p	70	21st	38	23rd	60·4	43·4	51·5	+3·3	6	0·41	11	0
Hertford	Rothamsted ¶	420	a	69	21st	38	23rd	59·0	44·6	51·5	+4·2	4	0·44	11	- 2
Middlesex	Tottenham ¶	51	p	72	21st	41	23rd	62·0	47·6	54·5	—	2	0·47	12	—
Essex	Clacton-on-Sea ¶	55	t	66	21st	40	23rd	55·9	45·4	50·4	+3·2	4	0·38	10	+ 1
	Southend	90	h	69	21st	41	23rd	60·9	46·0	53·1	—	1	0·44	11	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	62	20, 21	28	23rd	55·1	40·3	47·3	+1·8	6	0·50	13	- 1
W. Riding	Sheffield	429	p	64	20th	35	22, 23	55·7	41·4	48·2	—	6	0·57	15	+ 1
Derby	Buxton	987	p	60	20th	33	23rd	52·3	41·6	46·7	+2·3	5	0·89	23	+ 3
Nottingham	Worksop(Hods'ck)¶	56	a	73	21st	36	23rd	60·9	43·1	51·6	+4·3	5	0·58	15	+ 4
	Nottingham ¶	82	t	67	21st	36	23rd	58·3	43·9	50·8	+3·3	4	0·41	11	+ 1
Warwick	Birmingham (Edg)¶	525	t	65	21st	36	23rd	56·7	44·3	50·2	+2·8	4	0·73	19	+ 6
Northampton	Oundle ... ¶	147	a	69	21st	35	23rd	60·3	42·4	50·9	—	5	0·40	10	—
Oxford	Oxford ... ¶	208	p	71	21st	41	23rd	60·6	46·4	53·2	+4·8	3	0·51	13	+ 1
Stafford	Cheadle ... ¶	646	a	62	20th	35	23, 24	55·0	41·1	47·7	+1·5	5	0·67	17	+ 3
Worcester	Tenbury ... ¶	313	p	70	20th	39	23rd	60·0	43·6	51·4	+4·1	4	0·55	14	+ 4
	Malvern	377	h	66	21st	39	23rd	58·9	47·1	52·7	—	4	0·80	20	—
Hereford	Hereford ... ¶	291	a	71	20th	40	23rd	61·9	44·0	52·5	+4·3	4	0·37	9	- 4
Gloucester	Clifton ... ¶	225	a	71	21st	45	20, 23	60·0	47·9	53·7	+4·2	3	0·46	12	- 2
5. ENGLAND, S.E.															
London	Westminster ...	27	a	74	21st	42	23rd	62·4	47·1	54·4	+4·7	3	0·44	11	- 1
	Greenwich ‡ ...	149	a	76	21st	41	23rd	64·0	46·3	55·7	+5·4	3	0·40	10	- 3
	Hampstead ...	450	a	73	21st	39	23rd	61·0	45·0	52·6	—	2	0·56	14	—
	Camden Square ...	110	a	74	21st	41	23rd	62·3	47·4	54·5	+4·2	3	0·52	13	- 1
Surrey	Richmond (Kew O)¶	18	t	71	21st	42	23rd	61·4	47·3	54·0	+5·1	3	0·53	13	0
	Wisley ... ¶	150	a	73	21st	42	23rd	62·0	45·7	53·5	+5·2	3	0·66	17	+ 5
Kent	Tunbridge Wells ¶	354	h	73	21st	41	23rd	62·1	46·0	53·7	+5·6	3	0·43	11	- 2
	Margate ... ¶	51	h	64	25th	40	23rd	58·4	45·1	51·4	+2·9	3	0·35	9	- 3
	Dungeness ¶	21	t	66	21st	43	23rd	55·0	45·3	49·9	+2·2	4	0·44	11	0
Sussex	St. Leonards ¶	178	h	69	21st	43	23rd	57·9	47·1	52·2	+3·7	4	0·59	15	+ 2
	Worthing... ...	36	h	71	21st	44	20th	58·3	47·3	52·5	—	3	0·46	12	—
I. of Wight	Ventnor ... ¶	59	a	69	21st	45	20, 23	57·6	46·9	52·0	+2·5	3	0·45	11	- 3
Hampshire	Southampton ¶	64	p	74	21st	43	20th	63·0	47·9	55·1	+5·1	3	0·76	19	+ 3
Wiltshire	Marlborough ¶	424	a	71	21st	35	20th	60·3	44·1	51·8	+4·9	3	0·62	16	0
	Porton ... ¶	363	a	70	21st	38	20th	60·8	44·7	52·4	—	4	0·66	17	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria (Mealsg'e)¶	487	p	62	20th	32	23rd	54·7	40·4	47·2	+1·1	4	0·75	19	+ 3
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	59	25th	33	23rd	53·6	42·0	47·5	+1·2	4	0·81	21	+ 2
	Blackpool... ¶	66	h	60	25th	35	23rd	53·4	43·7	48·3	+1·5	6	0·60	15	+ 2
	Southport ¶	37	h	60	25th	38	23rd	53·4	44·3	48·6	+1·4	5	0·48	12	- 1
Manchester	Whitworth Pk. ¶	125	p	63	20th	37	23rd	55·6	43·1	49·1	+0·7	5	0·56	14	0
Cheshire	Liverp'l (Bidston)¶	189	a	59	20, 25	38	23rd	53·4	44·9	49·0	+1·2	4	0·40	10	- 2
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	64	20th	39	23rd	57·9	45·9	51·6	+3·2	5	0·34	9	- 1
Carnarvon	Llandudno ¶	22	h	60	20, 25	41	23rd	54·6	46·0	50·1	+2·0	5	0·46	12	0
Anglesey	Holyhead ... ¶	26	t	57	20th	40	23rd	51·9	44·7	48·1	+0·7	4	0·87	22	+ 8
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	56	25th	41	21st	53·7	45·9	49·6	—	3	0·26	7	—
Pembroke	St. Ann's Hd. ¶	150	t	59	21st	43	23rd	53·6	45·4	49·3	+1·9	5	0·47	12	- 4
Radnor	Rhayader... ¶	757	a	—	—	—	—	—	—	—	—	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	71	21st	41	20th	60·6	45·9	52·9	+4·8	4	0·85	22	+ 1
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	70	21st	43	20th	61·7	48·0	54·5	+5·9	3	0·40	10	- 6
Dorset	Shaftesbury ¶	722	a	70	20th	41	26th	56·9	45·3	50·8	+3·6	4	0·78	20	+ 2
	Portland Bill ¶	19	t	59	21st	45	20th	53·1	47·0	49·9	+1·6	3	0·29	7	- 5
Devon	Arlington ... ¶	613	a	65	21st	39	20th	58·9	44·1	51·1	+4·1	4	0·88	22	- 3
	Cullompton ¶	202	a	75	21st	35	20th	63·0	45·1	53·6	+4·9	4	0·69	17	- 2
	Plymouth... ¶	116	p	65	20th	39	20th	58·3	45·9	51·8	+2·2	4	0·68	17	- 1
Cornwal	Newquay	190	h	61	23rd	37	21st	55·5	44·3	49·6	+0·8	5	0·59	15	0
	Falmouth... ¶	167	h	65	21st	42	20th	59·7	46·7	52·9	+3·9	3	0·76	19	- 1
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	55	20, 25	37	23rd	50·6	44·1	47·2	+1·0	6	0·87	22	+10
Mayo	Blacksod Point ¶	10	t	57	20th	39	24th	52·4	45·6	48·8	+1·2	4	0·50	13	- 5
	Mallaranny ...	120	a	—	—	—	—	—	—	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	63	20th	34	23rd	55·4	41·7	48·2	+1·7	6	1·81	46	+29
Armagh	Armagh ... ¶	204	p	67	20th	29	23rd	560	42·0	48·7	+2·0	4	0·98	25	+11
Down	Donaghadee ¶	35	t	69	20th	38	23rd	52·9	44·6	48·6	+2·0	4	0·71	18	+ 5
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	67	20th	40	23rd	57·7	46·1	51·6	+2·7	4	0·34	9	- 5
King's County	Birr Castle ¶	175	t	64	20th	39	23rd	57·0	45·4	50·9	+3·6	6	1·29	33	+17
Kilkenny	Kilkenny ... ¶	195	a	64	20th	38	23rd	58·0	44·0	50·7	+2·9	5	0·89	23	+ 7
Waterford	Waterford ¶	137	a	64	20th	40	23, 24	56·3	44·7	50·2	+1·9	5	1·51	38	+21
	Seskin, Carrick-on-Suir	542	p	63	20th	37	23rd	56·3	44·0	49·9	—	4	1·38	35	—
Limerick	Foynes ... ¶	50	a	60	20, 25	38	23rd	57·6	44·6	50·8	+2·1	5	1·16	29	+12
Kerry	Cahirciveen ¶	30	t	61	21st	43	21st	56·7	48·4	52·4	+3·4	4	1·65	42	+17
	Killarney ... ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	58	21st	43	23rd	54·1	46·9	50·3	+1·7	5	1·09	28	+ 9
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	59	21st	44	23rd	55·4	46·7	50·8	+1·4	3	0·67	17	+ 3
Guernsey	Grange ... ¶	173	p	63	21st	44	23rd	59·9	46·9	53·1	+2·7	4	0·64	16	+ 2
Jersey	St. Heliers ¶	44	h	68	21st	44	23rd	60·9	47·3	53·8	+3·4	3	0·46	12	- 2

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F	°F	°F.
Douglas §	2·1	- 4·1	15	1	27	—	—	—	—
Cockle Park §	2·1	- 2·9	14	1	16	44·3	- 0·6	42·5	- 1·4
Tynemouth ..	—	—	—	1	29	—	—	—	—
Durham §	1·5	- 3·3	10	1	20	—	—	—	—
Rounton ..	—	—	—	2	16	44·7	—	—	—
West Witton	—	—	—	1	20	43·3	—	39·4	—
Scarborough †§	1·4	- 3·9	9	1	28	—	—	45·4	—
York §	1·3	- 3·5	9	—	—	45·3	- 1·3	43·0	- 1·9
Spurn Head ..	2·8	—	19	—	—	—	—	—	—
Lincoln ..	—	—	—	0	32	47·4	+0·1	43·8	- 1·4
Cranwell §	1·9	- 3·8	13	0	33	—	—	—	—
Skegness §	2·7	- 3·2	19	—	—	—	—	—	—
Cromer §	3·0	- 2·9	21	—	—	—	—	—	—
Yarmouth §	3·2	—	22	0	33	48·7	- 0·8	46·6	- 1·3
Norwich ..	2·6	—	18	0	34	48·0	—	—	—
Geldeston §	2·4	- 3·6	17	—	—	—	—	—	—
Cambridge §	3·1	- 2·6	22	0	37	48·5	- 0·4	45·2	- 2·0
Rothamsted §	4·0	- 1·6	28	0	33	47·4	—	—	—
Tottenham §	3·4	—	23	—	—	—	—	—	—
Clacton-on-Sea §	4·0	- 2·5	27	0	38	49·2	+0·7	46·1	- 1·8
Southend ..	4·5	-	31	0	40	50·2	—	—	—
Harrogate §	1·5	- 3·9	10	2	21	43·8	- 1·1	42·6	- 1·9
Sheffield §	2·3	- 2·8	15	0	34	45·4	- 0·3	41·6	- 2·1
Buxton ...	0·8	—	5	0	38	44·1	- 1·1	40·7	- 2·2
Worksop §	1·7	- 3·2	11	0	32	47·9	—	44·3	—
Nottingham §	1·6	- 3·8	11	0	36	46·5	- 0·4	42·4	- 2·0
Birmingham §	3·2	- 1·1	22	0	37	46·1	+1·3	43·1	- 1·5
Oundle ...	3·6	—	25	0	34	48·0	—	43·7	—
Oxford §	4·2	- 1·4	29	0	37	—	—	—	—
Cheadle ...	—	—	—	0	32	—	—	—	—
Tenbury ...	—	—	—	0	34	49·4	—	—	—
Malvern... ...	4·6	—	32	0	40	49·7	—	44·8	—
Ross on Wye §	4·6	—	32	0	32	51·4	—	46·2	—
Clifton §	5·0	—	35	0	41	—	—	—	—
Westminster	3·4	- 1·3	34	0	39	—	—	—	—
Greenwich ..	3·0	- 2·5	21	0	35	—	—	—	—
Hampstead ..	3·7	—	26	0	33	—	—	—	—
Camden Square	—	—	—	0	39	49·0	—	43·7	—
Richmond § (Kew Obs.)	3·7	- 1·9	26	0	37	50·5	+2·2	45·5	- 1·4
Wisley §	4·2	- 1·6	29	0	32	50·8	+2·7	45·1	- 1·5
Tunbridge W'ls§	4·1	- 2·0	28	0	38	50·4	—	45·6	—
Margate §	5·1	- 0·9	35	0	39	51·0	+2·5	47·0	- 0·2
Folkestone §	4·9	—	34	0	39	—	—	45·5	—
St. Leonards §	4·6	- 1·9	32	0	39	51·7	—	45·6	—
Worthing §	4·7	- 1·9	32	0	37	50·9	+0·8	46·2	- 1·7
Ventnor §	4·7	- 1·7	33	—	—	—	—	—	—
Southampton §	5·2	- 1·0	36	0	38	—	—	—	—
Marlborough §	4·4	- 0·8	30	0	32	50·6	—	46·1	—
Porton	5·0	—	34	1	29	49·9	—	—	—
Aspatria §	2·0	- 3·1	14	1	28	45·7	- 1·3	42·8	- 2·0
Newton Rigg §	—	—	—	—	—	—	—	—	—
Stonyhurst §	1·0	- 4·1	7	1	28	—	—	—	—
Blackpool §	1·6	- 4·3	11	0	31	47·1	—	44·1	—
Southport §	1·7	- 4·1	12	0	36	49·0	- 0·1	45·5	- 1·6
Whitworth Pk.	0·8	- 3·3	6	—	—	—	—	—	—
Oldham Road	0·7	- 3·7	5	0	38	45·7	- 0·4	43·2	- 2·4
Bidston ..	1·4	—	10	0	36	—	—	—	—
Ches.) Hoylake§	1·7	- 3·8	11	—	—	—	—	—	—
Llandudno §	2·0	- 3·8	14	—	—	—	—	—	—
Holyhead ..	1·9	—	13	0	40	—	—	—	—
Aberystwyth§	2·2	- 3·5	15	—	—	—	—	—	—
St. Ann's Hd.§	4·0	- 2·3	28	—	—	—	—	—	—
Rhayader §	—	—	—	—	—	—	—	—	—
Cardiff ...	5·7	—	39	0	32	50·6	+1·8	45·5	- 1·2
Bath .. §	5·3	- 0·6	37	—	—	50·0		46·0	—
Shaftesbury ..	—	—	—	—	—	—	—	46·4	—
Weymouth ..	5·2	—	36	—	—	—	—	—	—
Cullompton §	3·9	- 1·7	27	1	29	51·6	—	—	—
Plymouth §	5·6	- 0·6	39	0	34	51·6	+0·9	47·2	—
Newquay §	4·6	- 1·7	32	—	—	50·5	—	47·3	—
Falmouth §	6·2	- 0·4	44	0	34	53·7	—	49·9	—
Malin Head ..	1·6	—	11	—	—	—	—	—	—
Mallaranny ..	—	—	—	—	—	—	—	—	—
Markree Castle §	—	—	—	0	36	48·6	- 0·7	45·3	- 1·2
Armagh §	2·4	- 2·6	16	1	21	47·7	- 0·4	44·8	- 1·6
Trinity Coll.	—	—	—	0	34	49·0	+0·1	46·1	- 1·4
Phœnix Park §	1·9	- 3·7	13	0	37	—	—	—	—
Dublin City ..	—	—	—	0	37	—	—	—	—
Birr Castle §	2·5	- 2·7	17	0	38	—	—	—	—
Seskin .	1·4	—	10	0	37	—	—	—	—
Cahirciveen (Valencia O.)§	3·1	- 2·4	21	0	37	—	—	—	—
Ballinacurra §	1·8	- 3·9	13	—	—	—	—	—	—
St. Mary's §	5·7	- 0·6	40	—	—	—	—		
Grange §	8·1	+1·3	57	0	37	54·0	+3·0	48·2	- 1·3
St. Heliers §	7·2	+0·4	50	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, April 26th, 1924.

District County & Station.	Height: Above Mean Sea Level	Height: Above Ground	Height: Above Building.	Distribution of Wind. ‡‡: More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	20 to 22, 24 to 26	39	113	12	4	0	130	34	15	25	4	46	21	20	18	5
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	19, 20, 22, 24, 25	21	106	41	0	0	260	29	13	20	9	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	65	95	8	0	110	19	9	24	17	38	17	20	16	30
Edinburgh Edinburgh ...	485	39	31	—	0	20	4	56	78	30	0	280	26	12	20	15	43	19	20	14	50
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	36	103	29	0	160	20	9	25	13	34	15	25	12	30
Dumfries Eskdalemuir ...	825	50	22	—	0	21, 24	3	60	79	26	0	290	26	11	21	10	40	18	20	17	30
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	20	3	41	81	40	3	270	27	12	20	14	40	18	20	14	10
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	95	64	9	0	290	24	11	21	3	28	13	21	0	40
Lincoln Cranwell ...	280	43	31	—	0	—	0	53	92	23	0	150	24	11	26	12	33	15	26	12	40
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	62	91	15	0	180	22	10	25	12	31	14	25	13	40
Essex Shoeburyness...	103	90	‡	—	0	25	1	78	71	18	0	220	28	13	25	11	52	23	26	12	35
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	19	99	50	0	230	17	8	25	11	32	14	25	10	5
Kent Lympne ...	409	70	‡	—	0	25, 26	3	59	99	7	0	210	27	12	25	12	37	17	25	11	40
Surrey Croydon ...	284	40	24	—	0	—	0	34	116	18	0	210	23	10	25	10	43	19	25	10	5
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	25	1	41	110	14	2	230	26	12	25	11	38	17	25	11	20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	24 to 26	11	61	86	10	0	210	30	13	25	10	57	25	25	23	10
Wiltshire Larkhill, S'y Plain ...	513	63	42	—	0	24 to 26	10	86	72	0	0	210 / 210	27	12	24 / 25	16 / 9	40	18	25	8	20
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	26	1	77	82	8	0	130	27	12	26	10	39	17	26	10	0
Lancashire Southport ...	80	62	48	—	0	26	1	113	53	1	0	150	25	11	26	10	41	18	26	9	45
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	24, 26	4	75	61	28	0	280	33	15	26	23	47	21	26	23	30
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	24 to 26	23	43	64	32	6	—	?	—	—	—	?	—	—	—	—
Cornwall Pendennis Castle§ ..	256	65	24	—	0	24 to 26	49	36	45	37	1	200	37	17	26	10	48	21	26	10	55
10. IRELAND, S																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	24, 26	3	60	78	8	19	250	32	14	26	22	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	25, 26	3	51	78	36	0	—	26	12	26	19	42	19	26	18	20
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	25, 26	9	80	45	34	0	170	28	12	25	13	47	21	25	13	17
Cork Weaver Pt. ...	160	30	‡	—	0	26	1	84	74	9	0	—	25	11	26	18	40	18	26	18	0
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	26	3	24 to 26	23	64	64	14	0	270	42	19	26	17	61	27	26	21	15

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	9	8	3·6	12	9	3·9	16	10	4·6	14	9	3·8	15	15	6·7	14	16	7·2	14	10	4·6	17	13	5·6
North	18	9	4·1	7	3	1·4	8	6	2·8	10	4	2·0	10	7	2·9	12	6	2·8	9	5	2·4	4	5	2·4
West	19	15	6·9	14	12	5·4	12	5	2·2	15	5	2·3	15	5	2·4	10	7	3·2	12	9	4·1	6	8	3·5
East	7	11	4·9	9	4	2·0	9	8	3·5	7	8	3·4	5	3	1·3	7	4	1·7	9	3	1·5	13	5	2·0
Calm (or wind-speed < 4 m.p.h.)	0	—	—	3	—	—	3	—	—	0	—	—	3	—	—	1	—	—	0	—	—	7	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	3	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C SIMPSON, F.R.S., Director. 1st May, 1924.

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

METEOROLOGICAL OFFICE LIBRARY 14 MAY 1924

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 18.

EIGHTEENTH WEEK.
SUNDAY, APRIL 27TH TO SATURDAY, MAY 3RD, 1924.

Price 9d. Net. Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

EIGHTEENTH WEEK of 1924—April 27th to May 3rd, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	58	32	50·6	39·2	44·6	− 0·4	26	− 5	8	− 1	4	− 1	0·34	9	− 9	5·6	+0·5	35	1001
Eastern.																			
1. SCOTLAND, EAST ..	58	30	49·0	38·0	43·2	− 2·3	20	− 16	11	0	5	+ 1	0·68	17	+ 4	3·1	− 2·0	20	1001
2. ENGLAND, N.E. ..	60	35	50·7	40·9	45·6	− 1·1	28	− 10	3	− 2	5	+ 1	0·73	18	+ 7	2·3	− 3·5	15	1000
3. ENGLAND, EAST ..	62	40	55·3	43·9	49·3	+1·0	51	+ 2	0	− 5	7	+ 3	1·39	35	+25	3·6	− 2·8	24	1002
4. MIDLAND COUNTIES	60	37	54·6	42·2	48·1	0·0	43	− 6	0	− 7	7	+ 4	1·22	31	+19	2·6	− 3·0	17	1001
5. ENGLAND, S.E. ..	63	38	55·4	45·2	50·1	+0·7	57	+ 3	0	− 2	6	+ 3	1·38	35	+25	3·0	− 3·6	20	1003
Western.																			
6. SCOTLAND, WEST[1] ..	59	31	51·1	39·6	45·1	− 1·8	28	− 13	7	+ 2	6	+ 2	1·07	27	+ 7	3·1	− 2·6	20	1000
7. ENGLAND, N.W.[2] ..	58	37	53·1	42·4	47·5	− 0·2	39	− 4	0	− 3	6	+ 2	0·83	21	+ 5	3·3	− 2·4	22	1000
8. ENGLAND, S.W.[3] ..	62	39	53·9	45·3	49·4	+0·6	52	+ 3	0	− 2	6	+ 2	1·16	30	+14	3·0	− 3·0	20	1003
9. IRELAND, NORTH ..	59	29	51·7	41·4	46·3	− 1·3	32	− 10	2	− 1	5	0	1·24	31	+13	4·0	− 1·1	26	999
10. IRELAND, SOUTH ..	62	35	55·7	44·3	49·7	+0·6	54	+ 3	0	− 1	6	+ 2	1·04	27	+ 9	4·3	− 2·2	29	1001
11. CHANNEL ISLANDS[4]	57	45	54·0	48·1	50·9	+0·2	62	+ 1	0	0	6	+ 2	1·13	28	+15	4·2	− 3·0	29	1006
MEAN: DISTRICTS 1-10	63	29	53·1	42·3	47·4	− 0·4	40	− 5	2	− 2	6	+ 2	1·07	27	+13	3·2	− 2·6	21	1001

THE SEASON (Spring).—Aggregates, &c., for the Period of 9 Weeks, March 2nd to May 3rd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	62	12	46·4	34·6	40·3	− 1·3	123	− 42	230	+37	33	− 9	5·02	127	− 67	3·8	− 0·2	28	1010
Eastern.																			
1. SCOTLAND, EAST ..	65	2	46·2	32·9	39·3	− 2·5	119	− 82	288	+76	29	− 8	2·76	70	− 45	3·9	− 0·5	29	1010
2. ENGLAND, N.E. ..	68	16	48·2	34·1	40·9	− 2·2	170	− 54	243	+87	22	− 12	2·58	65	− 23	4·4	− 0·4	33	1012
3. ENGLAND, EAST ..	72	20	49·9	35·8	42·6	− 1·4	234	− 45	196	+44	25	− 6	3·51	88	+ 3	5·1	+ 0·1	39	1012
4. MIDLAND COUNTIES	73	19	50·6	34·0	42·0	− 2·0	241	− 49	244	+76	24	− 6	3·85	97	+ 3	4·2	− 0·3	32	1012
5. ENGLAND, S.E. ..	74	20	50·7	36·7	43·5	− 1·6	268	− 35	175	+66	28	− 2	4·65	117	+23	5·2	+ 0·1	40	1012
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	48·5	34·2	41·1	− 2·2	170	− 56	231	+90	25	− 12	4·65	117	− 51	4·5	− 0·1	34	1011
7. ENGLAND, N.W.[2] ..	64	21	48·7	36·2	42·2	− 1·7	193	− 48	181	+61	25	− 8	3·17	80	− 41	4·8	+ 0·2	37	1011
8. ENGLAND, S.W.[3] ..	75	15	50·6	37·5	43·8	− 1·3	265	− 25	152	+58	26	− 7	5·15	130	− 9	5·3	+ 0·3	40	1011
9. IRELAND, NORTH ..	69	18	49·2	36·7	42·7	− 1·5	204	− 46	162	+49	30	− 11	4·36	111	− 29	4·6	+ 0·3	35	1010
10. IRELAND, SOUTH ..	67	21	51·2	38·3	44·5	− 1·2	284	− 31	125	+40	28	− 8	4·20	108	− 41	4·5	− 0·4	34	1010
11. CHANNEL ISLANDS[4]	68	30	51·4	42·3	46·7	− 0·8	331	− 41	38	+12	31	− 4	5·45	139	+25	6·1	+ 0·3	46	1011
MEAN: DISTRICTS 1-10 ..	75	2	49·4	35·6	42·3	− 1·8	215	− 47	200	+65	26	− 8	3·89	98	− 21	4·7	− 0·1	35	1011

THE YEAR. Aggregates, &c., for the Period of 18 Weeks, December 30th, 1923, to May 3rd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH ..	62	12	45·0	35·3	40·1	+0·3	181	− 38	424	− 75	77	− 11	13·47	342	−127	2·4	− 0·3	22	1009
Eastern.																			
1. SCOTLAND, EAST ..	65	2	44·3	33·3	38·8	− 0·8	167	− 94	576	+11	68	− 5	6·71	171	− 71	2·7	− 0·5	25	1011
2. ENGLAND, N.E. ..	68	16	45·3	34·2	39·7	− 1·1	215	− 79	508	+64	52	− 16	5·75	146	− 31	3·0	− 0·5	27	1013
3. ENGLAND, EAST ..	72	18	46·1	34·9	40·4	− 0·8	275	− 85	474	+13	58	− 8	7·24	183	+ 9	3·4	− 0·2	31	1014
4. MIDLAND COUNTIES	73	15	46·9	34·0	40·3	− 0·9	298	− 80	509	+25	57	− 8	7·89	199	− 1	2·9	− 0·3	26	1013
5. ENGLAND, S.E. ..	74	17	47·3	36·0	41·6	− 0·8	342	− 65	393	+39	58	− 6	8·26	210	+ 2	3·6	− 0·2	32	1014
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	46·3	34·8	40·5	− 0·9	245	− 58	438	+55	67	− 12	11·92	301	− 92	3·0	− 0·2	27	1012
7. ENGLAND, N.W.[2] ..	64	21	46·4	36·3	41·3	− 0·5	264	− 61	362	+ 6	61	− 9	7·64	193	− 76	3·3	+ 0·1	30	1013
8. ENGLAND, S.W.[3] ..	75	14	48·0	37·2	42·5	− 0·6	369	− 49	307	+25	61	− 10	11·55	292	− 24	3·7	+ 0·1	33	1013
9. IRELAND, NORTH ..	69	18	47·8	37·3	42·5	0·0	337	− 25	276	− 33	75	− 10	10·32	263	− 49	3·1	0·0	28	1011
10. IRELAND, SOUTH ..	67	21	49·4	38·5	43·9	0·0	456	− 26	220	− 20	68	− 9	11·90	302	− 39	3·1	− 0·4	28	1012
11. CHANNEL ISLANDS[4]	68	30	49·7	41·8	45·7	− 0·1	549	− 34	88	− 12	70	− 7	11·45	292	+28	4·1	− 0·1	37	1014
MEAN: DISTRICTS 1-10 ..	75	2	46·8	35·7	41·1	− 0·6	297	− 62	406	+19	63	− 9	8·92	226	− 37	3·2	− 0·2	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F	Day-deg. F.	Day-deg. F.	days.	days.	in	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England, N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Light	Heavy	Heavy	Heavy	Very Heavy	Very Heavy	Heavy	Heavy	Heavy	Very Heavy	Heavy	Heavy
	Sunshine ..	Moderate	Scanty	Very Scanty	Scanty	Scanty	Very Scanty	Scanty	Scanty	Very Scanty	Scanty	Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 9 weeks from March 2nd, 1921	Warmth ..	1, 5, 3	0, 2, 7	1, 4, 4	1, 4, 4	1, 4, 4	1, 4, 4	1, 3, 5	1, 3, 5	1, 5, 3	1, 4, 4	2, 3, 4	1, 5, 3
	Rainfall ..	3, 1, 5	2, 4, 3	1, 3, 5	2, 4, 3	1, 6, 2	4, 3, 2	3, 3, 3	1, 6, 2	2, 5, 2	3, 0, 6	2, 2, 5	3, 4, 2
	Sunshine ..	1, 7, 1	2, 4, 3	2, 4, 3	4, 1, 4	4, 1, 4	4, 2, 3	4, 2, 3	6, 0, 3	5, 2, 2	5, 1, 3	4, 2, 3	4, 2, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was of a very unsettled character. There was a good deal of cloud and rainfall was in excess of the normal in all Districts with the exception of Scotland N., where it was below normal. Strong winds and gales occurred in many parts of the country, notably on the evening of April 27th when, during the passage of a secondary depression, the wind maintained an average speed of 50 m.p.h. for 60 minutes at Fleetwood, the highest speed in a gust being 64 m.p.h. At Southport the speeds were 52 m.p.h. and 68 m.p.h. and at Spurn Head 40 m.p.h. and 59 m.p.h. respectively. Among the largest amounts of rainfall recorded were 27mm. at Petersfield, 24mm. at Cullompton (Devon), 23mm. at Douglas (Isle of Man) and 20mm. at Andover on April 27th, 20mm. at Gordon Castle (Elgin) on May 2nd and 23mm at Clacton on the 3rd The highest temperatures of the week occurred on various dates and in places maximum readings of about 60°F. were recorded. The highest readings, 64°F., were recorded at Camden Square on May 2nd and at South Farnborough on the 2nd and 3rd. Screen minimum temperatures slightly below 32°F. were registered in a few places, while at one or two stations grass temperatures a trifle below 25°F. were obtained. The mean temperature for the week over the country, as a whole, did not differ much from the normal. With the exception of one or two of the extreme northern stations the total amount of sunshine for the week was considerably below the normal. Thunderstorms occurred during the week in several parts of our Islands and at one or two places, notably at Bristol and in the village of Stansted, Essex, the storms of May 3rd, though of short duration were of exceptional severity. At the latter place an explosion occurred (apparently due to ball lightning) causing a good deal of damage to buildings, etc. In one or two places the thunderstorms were accompanied by hail. Solar halos were observed at Clacton and Birmingham on April 27th, at Aberdeen and Dublin on the 28th, at Ross-on-Wye on the 27th and 29th and at Oxford on April 27th, 28th, 29th and May 1st and 3rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal.
		Ft.		°F		°F		°F.	°F.	°F	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	50	29th	36	2nd	46·6	39·7	43·0	+0·7	4	1·10	28	+14
Orkneys	Deerness	160	p	50	27,28,1	37	2, 3	49·3	39·4	44·1	+0·8	5	0·60	15	+ 2
Hebrides	Stornoway ¶	51	t	54	28, 29	33	3rd	50·7	38·1	44·1	- 0·3	2	0·05	1	- 16
	Castlebay	37	t	52	1st	39	3rd	48·9	42·7	45·7	—	3	0·14	4	—
Caithness	Wick ... ¶	81	t	52	27th	33	28th	46·4	38·7	42·4	- 1·6	4	0·28	7	- 6
Ross and Cromarty	Strathpeffer ¶	125	a	58	28th	36	30th	51·7	39·3	45·2	- 0·5	4	0·38	10	- 2
	Achnashellach ¶	225	h	58	29th	35	29th	51·6	38·6	44·8	—	5	0·20	5	—
Inverness	Inverness	242	h	56	27th	36	3rd	50·0	39·6	44·6	—	3	0·55	14	—
	Fort Augustus ¶	68	a	56	27, 1	32	29th	52·3	39·1	45·4	+0·1	4	0·29	7	- 8
	Onich ... ¶	48	h	56	1st	37	29th	54·6	41·0	47·5	—	2	0·07	2	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	58	27th	37	28,30,3	50·3	38·9	44·3	- 1·3	3	0·53	13	+ 3
Elgin	Gordon Castle ¶	101	p	57	27, 29	34	29, 3	50·7	37·6	43·8	- 2·1	3	0·89	23	+11
Aberdeen	Aberdeen ... ¶	46	t	53	27th	38	3rd	48·3	40·3	44·1	—	3	0·63	16	+ 3
	Balmoral ... ¶	930	a	53	27th	30	29th	45·6	34·1	39·6	- 3·2	7	1·02	26	+12
Perth	Crieff ... ¶	478	p	54	27, 29	35	29th	49·1	38·3	43·4	- 3·3	7	0·80	20	+ 6
Forfar	Dundee	147	a	57	27th	38	2, 3	48·4	40·3	44·2	- 1·9	5	0·38	10	—
Fife	Inchkeith ... ¶	190	t	56	27th	38	3rd	49·0	40·4	44·5	—	6	0·47	12	—
Midlothian	Edinburgh ...	441	p	55	27th	37	3rd	47·0	39·3	43·0	- 2·5	6	0·67	17	+ 7
Peebles	West Linton ¶	770	a	55	27th	30	29th	50·7	35·9	42·9	- 0·4	5	0·58	15	—
Berwick	Marchmont ¶	498	a	56	27th	36	29th	48·6	38·3	43·2	- 1·9	5	0·51	13	- 1
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	55	29th	35	29th	51·4	38·9	41·9	—	3	0·48	12	—
Renfrew	Renfrew ... ¶	36	t	58	29th	31	29th	50·9	38·6	44·5	—	5	0·92	23	—
Bute	Rothesay ... ¶	200	p	55	29th	37	28, 29	49·6	38·9	44·0	- 3·2	7	1·30	33	+12
Ayr	Kilmarnock ¶	90	a	59	1st	35	1st	53·3	39·1	45·9	- 0·5	6	1·30	33	+18
	Colmoneil... ¶	170	a	55	29th	34	28th	51·9	41·4	46·4	- 0·2	5	0·67	17	- 1
Dumfries	Dumfries ... ¶	140	p	55	29th	35	28th	51·0	39·4	44·9	- 2·5	6	0·91	23	+ 6
	Eskdalemuir ...	794	t	52	27th	28	29th	48·0	36·4	41·9	—	7	0·91	23	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	3·5	—	22	—	—	—	—	—	—
Deerness §	4·9	- 0·5	31	—	—	—	—	—	—
Stornoway §	7·2	+1·5	46	—	—	—	—	—	—
Castlebay ..	6·7	—	43	—	—	—	—	—	—
Achnashellach	—	—	—	3	27	—	—	—	—
Inverness §	4·6	—	29	0	31	—	—	—	—
Onich ...	3·3	—	21	1	30	—	—	—	—
Nairn §	4·7	—	30	—	—	—	—	—	—
Gordon Castle	4·0	—	25	—	—	—	—	—	—
Aberdeen §	2·7	- 2·7	17	1	29	—	—	43·4	- 0·6
Balmoral	—	—	—	3	27	—	—	—	—
(Kinc). Crathes§	2·0	- 3·0	13	4	27	44·9	—	42·0	—
Dundee §	3·4	—	22	0	36	46·4	—	—	—
Inchkeith ...	3·9	—	26	—	—	—	—	—	—
Edinburgh §	3·2	- 1·7	21	1	30	—	—	—	—
West Linton	—	—	—	2	28	—	—	—	—
Marchmont §	2·8	- 2·2	18	—	—	—	—	—	—
Ford ..	—	—	—	1	30	46·9	—	44·7	—
Renfrew ..	2·4	—	15	2	24	—	—	—	—
Rothesay §	3·5	- 2·3	23	0	36	47·4	—	45·4	- 0·7
Kilmarnock ..	3·0	—	20	—	—	47·8	—	44·8	—
Colmoneil ..	—	—	—	0	31	—	—	—	—
Dumfries	2·8	—	18	2	28	47·4	- 0·7	44·4	- 2·0
Eskdalemuir §	1·9	- 2·8	12	1	25	—	—	—	—

* t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	51	28,29,1	38	28th	49·4	41·0	45·0	− 2·0	7	1·91	48	+31
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	56	27th	36	28th	48·6	38·0	43·1	− 1·5	5	0·61	15	+ 2
	Tynemouth ¶	118	t	56	27th	40	28, 29	47·7	41·9	44·7	− 1·0	4	0·76	19	+ 8
Durham	Durham ... ¶	336	p	51	27th	35	29th	47·6	38·6	42·9	− 3·1	5	0·87	22	+11
York,	Rounton ... ¶	249	p	56	27th	36	29th	50·0	40·3	44·9	− 0·9	6	0·76	19	+ 8
N. Riding	West Witton ...	605	a	54	27, 29	38	28, 30	49·6	39·4	44·3	—	6	0·96	24	—
	Scarborough ¶	118	h	57	27th	39	29th	50·7	41·3	45·8	− 1·0	5	1·26	22	+21
	York ... ¶	56	p	60	1st	37	28th	53·4	41·9	47·4	− 0·9	5	0·66	17	+ 6
E. Riding	Spurn Head ¶	26	t	56	28th	41	28,30,1	50·1	42·6	46·2	− 0·9	5	0·68	17	+ 9
Lincoln	Lincoln ... ¶	58	a	58	28, 2	40	1st	54·0	42·6	48·0	− 0·9	6	0·43	11	+ 1
	Cranwell ... ¶	236	t	57	28, 2	38	1st	54·3	40·9	47·3	− 1·1	6	0·55	14	+ 3
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	57	27,28,2	40	30th	53·3	42·4	47·6	0·0	6	0·43	11	+ 3
	Yarmouth ¶	13	t	57	27, 3	42	30th	53·3	44·3	48·6	+1·3	7	1·11	28	+18
	Norwich ... ¶	93	a	59	2nd	41	30th	54·7	43·5	48·8	+0·2	7	1·04	26	+15
	Geldeston ... ¶	37	a	59	2nd	42	30th	55·4	44·4	49·6	+1·6	7	1·16	29	+19
Cambridge	Cambridge ¶	41	p	61	2nd	41	2nd	57·6	43·1	50·0	+0·9	7	1·84	47	+37
Hertford	Rothamsted ¶	420	a	59	2nd	40	2, 3	54·6	42·3	48·2	+0·1	7	2·29	58	+47
Middlesex	Tottenham ¶	51	p	62	2nd	44	2nd	57·4	46·1	51·5	—	6	1·74	44	—
Essex	Clacton-on-Sea ¶	55	t	59	29, 2	43	2nd	56·1	45·3	50·4	+2·3	6	1·52	39	+31
	Southend	90	h	62	3rd	44	28th	57·7	46·0	51·6	—	7	1·48	38	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	54	27, 28	37	28th	50·6	39·6	44·8	− 1·4	5	1·09	28	+15
W. Riding	Sheffield	429	p	58	28th	39	28th	53·4	41·1	47·0	—	7	1·17	30	+16
Derby	Buxton	987	p	54	28,29,2	37	28th	51·1	38·9	44·1	− 0·4	7	1·05	27	+ 8
Nottingham	Worksop(Hods'ck)¶	56	a	60	28th	40	28, 1	55·3	42·1	48·4	+0·4	7	0·63	16	+ 4
	Nottingham ¶	192	a	58	28, 29	41	1, 2	54·7	42·1	48·1	− 0·3	7	1·02	26	+16
Warwick	Birmingham (Edg)¶	525	t	57	29, 2	41	27-29,1	54·1	42·1	47·8	− 0·5	6	1·59	41	+28
Northampton	Oundle ... ¶	147	a	58	29th	39	3rd	54·6	41·7	47·8	—	7	1·36	35	—
Oxford	Oxford ... ¶	208	p	60	1st	43	27th	56·7	45·1	50·6	+1·2	7	1·45	37	+26
Stafford	Cheadle ... ¶	646	a	59	29th	37	28, 2	53·4	39·0	45·9	− 1·1	7	1·22	31	+18
Worcester	Tenbury ... ¶	313	p	60	1st	41	27, 29	56·4	43·3	49·5	+1·5	7	1·68	43	+33
	Malvern	377	h	58	1st	41	29th	55·4	43·6	49·2	—	7	1·48	37	—
Hereford	Hereford ... ¶	291	a	59	1st	38	3rd	56·0	42·4	48·9	0·0	6	0·87	22	+ 9
Gloucester	Clifton ... ¶	225	a	58	1, 3	43	27, 28	54·6	44·7	49·4	− 1·1	6	1·32	34	+21
5. ENGLAND, S.E.															
London	Westminster ...	27	a	62	2nd	43	2nd	57·6	46·4	51·7	+0·9	5	1·48	38	+29
	Greenwich ‡ ...	149	a	65	2nd	42	2nd	59·6	45·1	52·0	+1·5	6	1·54	39	+30
	Hampstead ...	450	a	60	2nd	43	27, 28	55·7	44·1	49·6	—	6	1·64	42	—
	Camden Square ...	110	a	64	2nd	43	2nd	57·9	45·7	51·5	0·0	6	1·55	39	+29
Surrey	Richmond(Kew O)¶	18	t	61	2nd	43	2nd	57·5	46·3	51·6	+1·6	6	1·55	39	+30
	Wisley ... ¶	150	a	63	2nd	44	27,28,2	57·3	45·6	51·2	+1·9	6	1·74	44	+35
Kent	Tunbridge Wells ¶	354	h	60	1st	43	27,28,2	56·4	44·7	50·3	+1·2	7	1·67	42	+33
	Margate ... ¶	51	h	61	2nd	44	2nd	56·1	45·6	50·6	+1·2	6	1·35	34	+25
	Dungeness ¶	21	t	54	2nd	45	28th	52·6	46·4	49·4	+0·6	7	1·02	26	+19
Sussex	St. Leonards ¶	178	h	57	1st	45	27, 28	53·7	46·3	49·8	+0·4	6	1·34	34	+25
	Worthing... ...	36	h	59	1st	46	28, 2	54·2	47·1	50·5	—	5	1·08	27	—
I. of Wight	Ventnor ... ¶	59	a	56	2nd	44	2nd	53·7	46·3	49·8	− 0·6	4	0·93	24	+14
Hampshire	Southampton ¶	64	p	60	3rd	44	27, 2	55·3	45·9	50·4	− 0·7	5	0·95	24	+13
Wiltshire	Marlborough ¶	424	a	59	29th	39	28th	55·3	42·7	48·7	+0·8	6	2·26	57	+46
	Porton ... ¶	363	a	60	3rd	38	27th	56·1	42·6	49	—	5	1·03	26	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	53	27, 29	37	28, 29	49·9	38·9	44·1	− 2·6	7	0·77	19	+ 2
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	56	29th	38	28th	52·1	41·1	46·3	− 0·8	6	1·05	27	+ 7
	Blackpool... ¶	66	h	56	29th	42	28, 2	53·1	43·3	48·0	+0·5	7	0·87	22	+ 7
	Southport ¶	37	h	57	29th	40	28, 2	54·4	42·8	48·3	+0·4	7	0·66	17	+ 2
Manchester	Whitworth Pk. ¶	125	p	57	29, 2	39	28th	54·4	42·4	48·1	− 1·1	7	0·80	20	+ 5
Cheshire	Liverp'l (Bidston)¶	189	a	58	2nd	40	28th	54·3	42·4	48·1	− 0·4	5	0·85	22	+ 9
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	57	28, 29	41	2nd	54·6	43·6	48·8	− 0·3	6	0·83	21	+ 9
Carnarvon	Llandudno ¶	22	h	55	28, 1	42	28th	53·6	44·0	48·6	− 0·1	6	0·67	17	+ 4
Anglesey	Holyhead ... ¶	26	t	55	1st	42	27, 28	52·3	43·7	47·8	− 0·1	7	0·91	23	+ 9
8a. SOUTH WALES.															
Cardigan	Aberystwyth ...	16	h	54	27,30,2	44	28, 3	53·0	44·7	48·7	—	6	0·79	20	—
Pembroke	St. Ann's Hd. ¶	150	t	51	1, 3	44	27, 3	49·9	45·6	47·6	− 0·2	5	0·56	14	+ 1
Radnor	Rhayader... ¶	757	a	54	1, 2	39	27, 2	52·1	42·0	46·8	—	6	2·15	55	—
Glamorgan	Cardiff ... ¶	202	p	58	1st	43	27th	54·4	45·3	49·6	+0·8	6	1·02	26	+ 9
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	60	3rd	44	27, 2	56·7	46·4	51·3	+1·9	5	1·33	34	+21
Dorset	Shaftesbury ¶	722	a	58	1, 3	39	27th	54·0	42·9	48·2	+0·3	6	0·96	24	+ 9
	Portland Bill ¶	19	t	52	2, 3	47	27-29,2	50·6	47·6	49·0	+0·1	5	0·66	17	+7
Devon	Arlington ... ¶	613	a	55	3rd	41	27th	52·6	44·3	48·3	+0·7	5	1·36	35	+15
	Cullompton ¶	202	a	62	2nd	41	27, 2	57·4	44·6	50·7	+1·3	6	1·32	33	+18
	Plymouth... ¶	116	p	58	3rd	46	27,29,2	55·1	47·0	50·9	+0·8	7	0·97	25	+11
Cornwal	Newquay	190	h	57	2nd	44	27th	53·8	46·6	50·0	+0·8	4	0·72	18	+ 6
	Falmouth... ¶	167	h	59	3rd	45	27th	56·1	47·3	51·5	+2·1	5	1·29	33	+17
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	52	29th	35	28th	48·3	41·3	44·6	− 2·3	5	0·95	24	+10
Mayo	Blacksod Point ¶	10	t	55	30, 1	39	29th	50·4	43·6	46·8	− 1·5	4	1·02	26	+ 5
	Mallaranny ...	120	a	58	30th	39	29th	53·3	42·4	47·6	—	5	1·41	36	—
Sligo	Markree Castle ¶	122	p	59	1st	29	29th	54·6	40·7	47·3	− 0·1	6	1·09	28	+ 8
Armagh	Armagh ... ¶	204	p	57	1st	36	29th	53·0	40·1	46·2	− 1·5	6	1·59	40	+23
Down	Donaghadee ¶	35	t	54	2nd	35	28th	50·1	40·9	45·3	− 2·1	7	1·30	33	+17
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	58	1st	37	29th	54·3	43·0	48·4	− 1·2	5	0·81	21	+ 7
King's County	Birr Castle ¶	175	t	58	29th	38	27, 28	54·1	42·0	47·8	− 0·3	5	1·49	38	+23
Kilkenny	Kilkenny ... ¶	195	a	60	30th	35	27th	56·9	41·9	49·0	+0·4	7	1·09	28	+13
Waterford	Waterford ¶	137	a	60	29, 30	43	3rd	56·9	45·0	50·7	+1·6	6	0·92	23	+ 7
	Seskin, Carrick-on-Suir	542	p	57	30, 2	40	27th	54·7	42·4	48·3	—	5	0·97	25	—
Limerick	Foynes ... ¶	50	a	59	28th	39	27th	55·6	44·3	49·7	+0·3	5	1·10	28	+12
Kerry	Cahirciveen ¶	30	t	57	29th	43	27th	53·9	46·6	50·1	+0·5	7	0·81	21	− 2
	Killarney ... ¶	174	a	62	29th	42	27th	58·4	45·6	51·7	+2·4	5	0·58	15	− 6
Cork	Roche's Point ¶	32	t	58	29th	43	27th	55·4	46·3	50·6	+1·4	6	1·52	39	+22
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	56	1, 2, 3	45	27, 3	54·1	47·1	50·4	+0·4	6	1·03	26	+14
Guernsey	Grange ... ¶	173	p	56	2nd	46	27th	53·7	47·7	50·6	− 0·7	7	1·23	31	+19
Jersey	St. Heliers ¶	44	h	57	2nd	48	27th	54·1	49·6	51·7	+0·4	5	1·12	28	+15

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal.
	hr.	hr.	%		°F	°F.	°F.	°F.	°F.
Douglas §	3·7	− 2·7	24	0	31	—	—	—	—
Cockle Park §	2·4	− 3·2	15	3	29	44·6	− 1·3	43·8	− 1·0
Tynemouth ..	—	—	—	0	38	—	—	—	—
Durham §	2·3	− 2·9	15	1	29	—	—	—	—
Rounton ..	—	—	—	4	24	46·3	—	—	—
West Witton	—	—	—	2	30	44·6	—	40·9	—
Scarborough †§	2·6	− 3·4	17	0	34	—	—	46·6	—
York §	2·3	− 2·9	15	—	—	46·4	− 1·5	44·2	− 1·7
Spurn Head ..	3·6	—	24	—	—	—	—	—	—
Lincoln ..	—	—	—		37	48·1	− 0·6	45·3	− 0·9
Cranwell §	1·4	− 4·8	10	0	35	—	—	—	—
Skegness §	3·0	− 3·5	20	—	—	—	—	—	—
Cromer §	4·0	− 2·4	27	—	—	—	—	—	—
Yarmouth §	3·8	—	25	0	40	49·1	− 2·0	47·9	− 1·2
Norwich ..	2·9	—	20	0	37	49·3	—	—	—
Geldeston §	2·9	− 3·8	19	—	—	—	—	—	—
Cambridge §	3·1	− 3·2	21	0	31	49·8	− 0·6	46·8	− 1·4
Rothamsted §	3·6	− 2·5	24	0	32	47·8	—	—	—
Tottenham §	3·4	—	23	—	—	—	—	—	—
Clacton-on-Sea §	4·5	− 2·7	30	0	39	50·3	+0·4	47·7	− 1·1
Southend ..	4·8	—	32	0	41	50·1	—	—	—
Harrogate §	2·5	− 3·1	16	0	32	44·2	− 1·9	43·9	− 1·5
Sheffield §	2·5	− 2·7	17	0	31	45·9	− 1·2	43·3	− 1·3
Buxton ...	2·1	—	14	0	36	45·2	− 1·4	42·1	− 1·7
Worksop §	2·3	− 2·9	15	0	31	48·2	—	45·8	—
Nottingham §	—	—	—	0	38	46·9	− 1·4	44·3	− 1·3
Birmingham §	2·3	− 2·3	15	0	31	45·8	− 0·1	44·2	− 0·9
Oundle ...	2·5	—	17	0	32	48·7	—	45·2	—
Oxford §	2·7	− 3·3	18	0	37	—	—	—	—
Cheadle ...	—	—	—	2	28	—	—	—	—
Tenbury ...	—	—	—	0	36	49·5	—	—	—
Malvern... ...	2·8	—	19	0	33	49·4	—	46·5	—
Ross on Wye §	2·5	—	17	0	33	50·0	—	47·9	—
Clifton §	3·6	—	24	0	41	—	—	—	—
Westminster	2·3	− 3·0	15	0	36	—	—	—	—
Greenwich ..	2·7	− 3·4	18	0	32	—	—	—	—
Hampstead ..	3·1	—	21	0	33	—	—	—	—
Camden Square	—	—	—	0	38	49·2	—	45·5	—
Richmond § (Kew Obs.)	2·7	− 3·4	18	0	34	50·5	+0·6	47·3	− 0·5
Wisley §	3·0	− 3·2	20	0	31	51·0	+1·2	47·0	− 0·6
Tunbridge W'ls§	2·1	− 4·5	14	0	34	50·2	—	47·4	—
Margate §	4·3	− 2·2	29	0	41	51·8	+1·7	49·0	+0·8
Folkestone §	2·8	—	19	0	40	—	—	46·4	—
St. Leonards §	2·6	− 4·6	18	0	41	51·7	—	47·5	—
Worthing §	3·2	− 3·9	22	0	42	50·9	− 0·8	47·9	− 1·0
Ventnor §	3·0	− 4·0	20	—	—	—	—	—	—
Southampton §	2·9	− 3·8	19	0	40	—	—	—	—
Marlborough §	3·2	− 2·4	22	0	37	49·4	—	47·4	—
Porton	3·2	—	22	0	34	48·9	—	—	—
Aspatria §	2·2	− 3·3	15	0	34	46·2	− 1·8	44·1	− 1·5
Newton Rigg	—	—	—	—	—	—	—	—	—
Stonyhurst §	2·7	− 2·8	18	0	34	—	—	—	—
Blackpool §	3·5	− 2·9	23	0	36	48·1	—	45·2	—
Southport §	3·8	− 2·5	25	0	34	48·9	− 1·6	46·9	− 1·5
Whitworth Pk.	2·5	− 2·0	16	—	—	—	—	—	—
Oldham Road	2·1	− 2·6	14	0	37	47·0	− 0·5	44·9	− 1·8
Bidston ..	4·0	—	27	0	33	—	—	—	—
(Ches.)Hoylake§	4·3	− 1·5	28	—	—	—	—	—	—
Llandudno §	4·0	− 2·3	27	—	—	—	—	—	—
Holyhead ..	4·2	—	28	0	38	—	—	—	—
Aberystwyth§	2·9	− 2·9	20	—	—	—	—	—	—
St. Ann's Hd §	2·4	− 3·9	16	—	—	—	—	—	—
Rhayader §	2·7	—	18	0	32	—	—	—	—
Cardiff ...	3·7	—	25	0	38	50·3	− 0·1	47·1	− 0·6
Bath .. §	3·5	− 2·5	24	—	—	50·6	—	47·7	—
Shaftesbury ..	—	—	—	—	—	—	—	47·3	—
Weymouth ..	3·9	—	26	—	—	—	—	—	—
Arlington ..	—	—	—	0	35				
Cullompton §	2·7	− 3·1	18	0	31	51·0	—	—	—
Plymouth §	1·9	− 4·4	13	0	43	51·2	− 0·9	48·7	—
Newquay §	3·3	− 3·1	22	—	—	50·9	—	48·7	—
Falmouth §	4·5	− 2·2	31	0	42	52·8	—	51·1	—
Malin Head ..	3·6	—	23	—	—	—	—	—	—
Mallaranny ..	5·0	—	33	—	—	—	—	—	—
Markree Castle§	—	—	—	1	25	49·0	− 1·5	46·2	− 1·2
Armagh §	3·0	− 2·1	20	1	29	47·7	− 1·8	46·0	− 1·3
Trinity Coll.	—	—	—	2	28	48·8	− 1·3	47·1	− 1·3
Phœnix Park §	3·4	− 3·3	22	2	24	—	—	—	—
Dublin City ..	—	—	—	1	30	—	—	—	—
Birr Castle §	3·4	− 2·6	23	3	30	—	—	—	—
Seskin ..	—	—	—	0	34	—	—	—	—
Cahirciveen (Valencia O.)§	5·0	− 1·5	34	0	40	—	—	—	—
Ballinacurra §	5·5	− 1·3	37	—	—	—	—	—	—
St. Mary's §	4·7	− 2·1	32	—	—	—	—	—	—
Grange §	4·1	− 3·3	28	0	42	53·2	+0·8	50·1	− 0·3
St. Heliers §	3·9	− 3·4	26	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, May 3rd, 1924.

District. County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s	Highest Gust. Time. d.	Highest Gust. Time. h	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s	d.	h	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	27	10	34	52	72	0	130	30	13	27	3	41	18	27	3	10
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	26	12	39	64	28	25	120	30	13	26	24	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	3	2	35	112	19	0	360	25	11	3	14	36	16	3	14	43
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	1	89	62	0	250	24	11	27	7	28	13	3	20	20
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	5	113	50	0	260	14	6	27	4	34	15	27	3	15
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	28	88	52	0	250	21	9	27	4	39	17	27	3	45
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	17	111	37	3	260	24	11	27	5	41	18	27	4	40
York, E.R. Spurn Head ...	67	41	‡	27	2	27, 28	10	71	82	3	0	250	40	18	27	23	59	26	27	21	20
Lincoln Cranwell ...	280	43	31	—	0	27	3	48	(89)	(28)	0	240	28	13	27	21	34	15	27	20	30
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	27	8	62	91	7	0	160	34	15	27	17	50	22	27	21	15
Essex Shoeburyness...	103	90	‡	—	0	27, 28	14	58	63	33	0	—	38	17	27	16	59	26	27	19	20
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	31	95	42	0	260	21	9	27	19	40	18	27	18	35
Kent Lympne ...	409	70	‡	27	1	27, 28, 30	28	72	61	6	0	190	39	17	27	16	58	26	27	15	50
Surrey Croydon ...	284	40	24	—	0	27	3	72	80	13	0	260	30	13	27	19	50	22	27	19	15
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	27	8	77	80	3	0	270	30	13	27	18	53	24	27	17	45
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	27	1	27, 28, 30	25	89	42	1	10	260	39	17	27	18	62	28	27	17	20
Wiltshire Larkhill, S'y Plain ...	513	63	43	27	1	27, 28, 30	12	102	(53)	(0)	0	300	39	17	27	18	54	24	27	18	0
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	27	2	27	5	61	83	17	0	270	50	22	27	21	64	29	27	20	20
Lancashire Southport ...	80	62	48	27	3	27	7	71	78	6	3	270	52	23	27	20	68	30	27	20	10
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	27	3	27	3	67	78	17	0	290	46	21	27	18	67	30	27	17	25
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	30	4	51	47	19	47	—	?	—	—	—	?	—	—	—	—
Cornwall Pendennis Castle§ ..	256	65	24	27	2	27 to 30	37	81	36	12	0	270	42	19	27	15	65	29	27	14	35
10. IRELAND, S																					
Dublin Kingstown (Cup Anr.)...	49	27	—	27	2	27, 28	15	39	74	22	16	260	45	20	27	16	—	—	—	—	—
Clare Quilty.. ...	100	40	‡	—	0	27 to 29	9	73	52	34	0	—	29	13	28	6	43	19	27	17	25
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	28 to 30	13	80	75	0	0	250	32	14	30	4	48	21	30	3	40
Cork Weaver Pt. ...	160	30	‡	—	0	27, 28, 30,	16	79	65	8	0	—	35	16	27	13	59	26	27	12	35
11a. SCILLY ISLES.																					
Scilly St. Mary's	150	32	‡	27, 30	6	27 to 1	67	74	21	0	0	290	55	25	27	13	73	33	27	12	20

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency	Mean Value. m.p.h	Mean Value. m/s
South	11	9	4·2	8	3	1·4	17	8	3·4	17	9	3·9	13	9	3·9	18	9	4·1	15	9	3·9	19	10	4·4
North	7	7	3·0	9	5	2·2	7	8	3·5	5	4	1·9	13	6	2·7	3	6	2·7	5	8	3·6	6	11	5·1
West	3	8	3·6	5	8	3·4	12	12	5·3	22	8	3·7	19	8	3·7	25	18	8·0	11	12	5·2	22	12	5·2
East	14	11	5·0	12	6	2·7	10	7	3·0	1	2	0·9	7	5	2·4	1	4	2·0	10	3	1·4	5	3	1·5
Calm (or wind-speed < 4 m.p.h.)	5	—	—	11	—	—	2	—	—	3	—	—	1	—	—	0	—	—	4	—	—	0	—	—
No record	5	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	3	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 8th May, 1924.

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VI C3.

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 19

NINETEENTH WEEK.
SUNDAY, MAY 4TH TO SATURDAY, MAY 10TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

NINETEENTH WEEK of 1924—May 4th to May 10th, 1924.

DISTRICTS. (See Frontispiece map)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH ..	57	27	47·7	36·2	41·6	− 4·9	16	− 24	19	+12	5	+ 1	1·17	30	+13	3·4	− 1·8	21	1009
Eastern.																			
1. SCOTLAND, EAST ..	57	27	47·1	35·2	40·8	− 6·3	14	− 30	23	+16	7	+ 3	2·02	51	+38	2·7	− 2·9	17	1008
2. ENGLAND, N.E. ..	61	32	51·3	39 1	44·9	− 3·4	28	− 19	8	+ 5	6	+ 3	0·91	23	+12	3·7	− 2·3	24	1009
3. ENGLAND, EAST ..	63	34	55·4	41·2	47·9	− 2·0	44	− 14	2	− 1	5	+ 2	0·56	14	+ 4	5·5	− 0·9	35	1012
4. MIDLAND COUNTIES	60	32	53·5	39·4	46·0	− 3·7	35	− 25	7	+ 2	5	+ 2	0·60	15	+ 5	4·7	− 1·1	31	1011
5. ENGLAND, S.E. ..	61	31	55·0	40·2	47·1	− 4·0	41	− 24	5	+ 3	5	+ 2	0·70	18	+ 9	7·5	+0·8	49	1013
Western.																			
6. SCOTLAND, WEST[1] ..	55	24	49·9	36·6	42 9	− 5·8	21	− 31	15	+12	6	+ 2	1·63	41	+25	3·8	− 2·4	24	1008
7. ENGLAND, N.W.[2] ..	61	31	51·3	40·5	45·6	− 3·7	29	− 24	4	+ 2	7	+ 3	1·32	33	+21	4·1	− 1·9	27	1009
8. ENGLAND, S.W.[3] ..	61	33	52·8	41·4	46·8	− 3·7	35	− 26	2	+ 1	6	+ 3	1·03	26	+14	6·7	+0·1	44	1012
9. IRELAND, NORTH ..	61	27	50·9	37·9	44·1	− 5·1	26	− 27	11	+ 9	7	+ 3	1·26	32	+19	4·9	− 1·0	31	1008
10. IRELAND, SOUTH ..	60	30	53·5	39·8	46·3	− 4·3	36	− 24	6	+ 5	7	+ 3	1·20	30	+17	6·0	0·0	39	1011
11. CHANNEL ISLANDS[4]	57	39	53·8	44·7	49·0	− 3·0	49	− 21	0	0	4	+ 1	0·38	10	+ 2	8·1	0·0	54	1015
MEAN: DISTRICTS 1-10	63	24	52·1	39·1	45·2	− 4·2	31	− 24	8	+ 5	6	+ 3	1·12	28	+16	5·0	− 1·2	32	1010

THE SEASON (Spring).—Aggregates, &c., for the Period of 10 Weeks, March 2nd to May 10th, 1924.

0. SCOTLAND, NORTH ..	62	12	46·5	34·8	40·4	− 1·7	139	− 66	249	+49	38	− 8	6·19	157	− 54	3·7	− 0·4	27	1009
Eastern.																			
1. SCOTLAND, EAST ..	65	2	46·3	33·2	39·5	− 2·8	133	−112	311	+92	36	− 5	4·78	121	− 7	3·7	− 0·8	28	1010
2. ENGLAND, N.E. ..	68	16	48·5	34·6	41·3	− 2·3	198	− 73	251	+92	28	− 9	3·49	88	− 11	4·3	− 0·6	32	1011
3. ENGLAND, EAST ..	72	20	50·5	36·3	43·1	− 1·5	278	− 59	198	+43	30	− 4	4·07	102	+ 7	5·1	0·0	39	1012
4. MIDLAND COUNTIES	73	19	50·9	34·5	42·4	− 2·1	276	− 74	251	+78	29	− 4	4·45	112	+ 8	4·3	− 0·3	32	1011
5. ENGLAND, S.E. ..	74	20	51·1	37·1	43·8	− 1·9	309	− 59	180	+69	33	0	5·35	135	+32	5·4	+ 0·2	41	1012
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	48·6	34·5	41·2	− 2·7	191	− 87	246	+102	31	− 10	6·28	158	− 26	4·4	− 0·3	32	1011
7. ENGLAND, N.W.[2] ..	64	21	49·0	36·6	42·5	− 2·0	2 22	− 72	185	+63	32	− 5	4·49	113	− 20	4·8	+ 0·1	36	1011
8. ENGLAND, S.W.[3] ..	75	15	50·8	37·9	44·1	− 1·6	300	− 51	154	+59	32	− 4	6·18	156	+ 5	5·4	+ 0·3	41	1011
9. IRELAND, NORTH ..	69	18	49·3	36·8	42·8	− 1·9	230	− 73	173	+58	37	− 8	5·62	143	− 10	4·6	+ 0·1	34	1010
10. IRELAND, SOUTH ..	67	21	51·4	38·5	44·7	− 1·5	320	− 55	131	+45	35	− 5	5·40	138	− 24	4·6	− 0·4	34	1010
11. CHANNEL ISLANDS[4]	68	30	51·7	42·5	46·9	− 1·0	380	− 62	38	+12	35	− 3	5·83	149	+27	6·3	+ 0·3	47	1012
MEAN: DISTRICTS 1-10..	75	2	49·6	36·0	42·5	− 2·0	246	− 71	208	+70	32	− 5	5·01	127	− 5	4·7	− 0·2	35	1011

THE YEAR. Aggregates, &c., for the Period of 19 Weeks, December 30th, 1923, to May 10th, 1924.

0. SCOTLAND, NORTH ..	62	12	45·1	35·4	40·1	− 0·1	197	− 62	443	− 63	82	− 10	14·64	372	−114	2·5	− 0·3	22	1009
Eastern.																			
1. SCOTLAND, EAST ..	65	2	44·5	33·4	38·9	− 1·1	181	−121	599	+27	75	− 2	8·73	222	− 33	2·7	− 0·6	24	1011
2. ENGLAND, N.E. ..	68	16	45·6	34·4	40·0	− 1·2	243	− 98	516	+69	58	− 13	6·66	169	− 19	3·1	− 0·5	27	1013
3. ENGLAND, EAST ..	72	18	46·6	35·3	40·8	− 0·9	319	− 99	476	+12	63	− 6	7·80	197	+13	3·6	− 0·1	31	1014
4. MIDLAND COUNTIES	73	15	47·3	34·3	40·6	− 1·0	333	−105	516	+27	62	− 6	8·49	214	+ 4	3·0	− 0·3	26	1013
5. ENGLAND, S.E. ..	74	17	47·7	36·2	41·9	− 1·0	383	− 89	398	+42	63	− 4	8·96	228	+11	3·8	0·0	34	1014
Western.																			
6. SCOTLAND, WEST[1] ..	64	15	46·5	34·9	40·6	− 1·1	266	− 89	453	+67	73	− 10	13·55	342	− 67	3·0	− 0·3	27	1012
7. ENGLAND, N.W.[2] ..	64	21	46·7	36·5	41·5	− 0·7	293	− 85	366	+ 8	68	− 6	8·96	226	− 55	3·3	− 0·1	29	1012
8. ENGLAND, S.W.[3] ..	75	14	48·2	37·4	42·7	− 0·8	404	− 75	309	+26	67	− 7	12·58	318	− 10	3·8	+ 0·1	34	1013
9. IRELAND, NORTH ..	69	18	48·0	37·3	42·6	− 0·2	363	− 52	287	− 24	82	− 7	11·58	295	− 30	3·2	0.0	28	1011
10. IRELAND, SOUTH ..	67	21	49 6	38·6	44·0	− 0·3	492	− 50	226	− 15	75	− 6	13·10	332	− 22	3·2	− 0·4	28	1012
11. CHANNEL ISLANDS[4]	68	30	49·9	41·9	45·9	− 0·3	598	− 55	88	− 12	74	− 6	11·83	302	+30	4·3	− 0·1	38	1014
MEAN: DISTRICTS 1-10 ..	75	2	47·1	35·8	41·4	− 0·8	328	− 86	415	+24	69	− 7	10·04	254	− 21	3·3	− 0·2	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

	DISTRICTS OF THE BRITISH ISLES.											
	Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
	0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (and I. of Man).	7. England, N.W. (and N. Wales).	8. England, S.W. (and S. Wales).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year .. Warmth ..	Deficient	Very Deficient	Deficient	Moderate	Deficient	Deficient	Very Deficient	Deficient	Deficient	Very Deficient	Deficient	Deficient
Rainfall ..	Heavy	Very Heavy	Heavy	Moderate	Heavy	Heavy	Very Heavy	Very Heavy	Heavy	Very Heavy	Heavy	Moderate
Sunshine ..	Scanty	Very Scanty	Scanty	Moderate	Scanty	Moderate	Scanty	Scanty	Moderate	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 10 weeks from March 2nd, 1924	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
Warmth ..	1, 5, 4	0, 2, 8	1, 4, 5	1, 5, 4	1, 4, 5	1, 4, 5	1, 3, 6	1, 3, 6	1, 5, 4	1, 4, 5	2, 3, 5	1, 5, 4
Rainfall ..	4, 1, 5	3, 4, 3	2, 3, 5	2, 5, 3	2, 6, 2	5, 3, 2	4, 3, 3	2, 6, 2	3, 5, 2	4, 0, 6	3, 2, 5	3, 5, 2
Sunshine ..	1, 7, 2	2, 4, 4	2, 4, 4	4, 2, 4	4, 1, 5	4, 3, 3	4, 2, 4	6, 0, 4	5, 3, 2	5, 2, 3	4, 3, 3	4, 3, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Isles generally the weather of the week was again of a very unsettled type. There were considerable bright periods, but rain fell in all parts of the country and in places the measurements were rather large. Hail fell in many places and local snow occurred in northern England and Scotland. Hailstones measuring ½ inch in diameter were reported from Harrow (Middlesex) on the 7th. Thunderstorms occurred in most parts of our Islands, notably during the first half of the week. At Hove a good deal of damage was done to a house by lightning on the evening of the 8th. The total amount of rainfall for the week was in excess of the normal in all Districts. A number of stations, especially in Scotland, reported falls of more than 20mm., among the largest amounts being 25mm. at Crieff (Perth) and at Marchmont (Berwick) on the 6th, 31mm. at Aberdeen and Inverness, 29mm. at Strathpeffer and 26mm. at Gordon Castle (Elgin) on the 7th, 30mm. at Crathes (Kincardine) on the 8th and 25mm. at Eskdalemuir on the 9th. The highest temperatures occurred towards the end of the week in most places, and in some parts maximum readings round about 60°F. were recorded, the highest temperature, 63°F., being registered at South Farnborough on the 9th and at Geldeston (near Beccles) on the 10th. Screen minimum temperatures below 32°F. were recorded at a few places especially in Scotland and Ireland, while ground frosts occurred in many parts of the country, the grass temperature at Renfrew on the 9th being as low as 18°F. The mean temperature for the week was below the normal in all parts of the country. The total amount of sunshine for the week was above the normal at a number of stations, notably in the south-east and south-west of England, but in most other parts of our Islands it was below normal. Solar halos were seen in several places on various days during the week. A parhelion was observed at Oxford on the 8th and a sun pillar on the 8th and 9th. The Zodiacal Light was seen at Wadhurst (Sussex) on the 5th and 7th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906].

Districts and Names of Stations reporting Temperature of Air and Rainfall.			Height above M.S.L. of ground by Rain Gauge	Terminal Hours. *	Temperature of the Air. In Degrees Fahrenheit. Highest.	Date	Lowest.	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation.	Rainfall in the week		Deviation from Normal.
			Ft.		°F		°F		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.																
Shetlands	Lerwick	¶	54	t	47	5, 10	32	4th	45·1	37·9	41·3	− 2·2	3	0·57	15	+ 2
Orkneys	Deerness ...	...	160	p	49	10th	30	9th	46·6	35·1	40·5	− 4·0	5	0·36	9	− 3
Hebrides	Stornoway	¶	51	t	55	10th	27	4th	48·0	35·7	41·5	− 4·1	5	0·51	13	− 3
	Castlebay ...	...	37	t	50	10th	37	4th	46·0	39·6	42·6	—	7	1·60	41	—
Caithness	Wick ...	¶	81	t	49	10th	28	4th	44·6	37·4	40·8	− 4·4	5	0·74	19	+ 6
Ross and Cromarty	Strathpeffer	¶	125	a	54	10th	29	4th	48·1	35·3	41·3	− 5·8	5	2·16	55	+44
	Achnashellach	¶	225	h	52	10th	27	4th	47·0	35·0	40·6	—	6	1·57	40	—
Inverness	Inverness ...	...	242	h	55	10th	32	4th	45·6	36·4	40·6	—	5	1·75	45	—
	Fort Augustus	¶	68	a	57	9th	29	9th	51·4	35·1	42·8	− 3·9	7	1·21	31	+16
	Onich ...	¶	48	h	54	10th	32	4th	49·4	36·7	42·7	—	6	1·41	36	—
1. SCOTLAND, E.																
Nairn	Nairn ...	¶	82	t	57	10th	34	4th	47·9	37·4	42·3	− 4·9	6	0·82	21	+10
Elgin	Gordon Castle	¶	101	p	56	10th	28	4th	47·9	35·6	41·4	− 6·1	5	1·69	43	+31
Aberdeen	Aberdeen ...	¶	46	t	54	10th	31	4, 6	46·3	36·4	41·1	—	7	2·55	65	+51
	Balmoral ...	¶	930	a	53	10th	27	4th	43·7	31·7	37·3	− 7·2	7	1·98	50	+36
Perth	Crieff ...	¶	478	p	52	9, 10	31	9th	47·4	34·9	40·8	− 7·6	7	2·60	66	+52
Forfar	Dundee ...	...	147	a	57	10th	32	4th	48·6	35·4	41·6	—	6	2·08	53	—
Fife	Inchkeith ...	¶	190	t	53	10th	36	5th	48·3	33·4	43·1	—	7	2·04	52	—
Midlothian	Edinburgh	...	441	p	54	10th	34	5th	47·4	36·7	41·7	− 5·3	6	2·10	53	+43
Peebles	West Linton	¶	770	a	54	10th	28	9th	47·7	32·3	39·5	− 5·5	7	1·80	46	—
Berwick	Marchmont	¶	498	a	53	10th	32	6th	47·9	35·0	41·1	− 5·6	7	2·68	68	+54
6a. SCOTLAND, W.																
Argyle	Ford ...	¶	149	a	52	10th	24	9th	49·4	34·0	41·2	—	4	1·40	35	—
Renfrew	Renfrew ...	¶	36	t	55	10th	26	9th	50·3	36·1	42·8	—	6	1·34	34	—
Bute	Rothesay ...	¶	200	p	53	10th	33	5th	49·6	37·3	43·1	− 5·8	6	1·74	44	+27
Ayr	Kilmarnock	¶	90	a	55	9, 10	30	9th	52·3	36·6	44·0	− 4·3	6	1·94	49	+36
	Colmonell...	¶	170	a	55	10th	30	9th	49·9	36·9	43·0	− 5·4	6	1·17	30	+16
Dumfries	Dumfries ...	¶	140	p	53	10th	33	9th	49·3	37·7	43·2	− 6·1	6	1·45	37	+23
	Eskdalemuir	...	794	t	51	10th	30	6, 9	47·6	34·3	40·6	—	7	2·46	63	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ..	5·6	—	—	—	—	—	—	—	—
Deerness §	3·2	− 2·3	19	—	—	—	—	—	—
Stornoway §	3·8	− 2·2	23	—	—	—	—	—	—
Castlebay ..	6·3	—	39	—	—	—	—	—	—
Achnashellach	—	—	—	4	19	—	—	—	—
Inverness §	3·2	—	20	2	27	—	—	—	—
Onich ...	5·0	—	31	2	23	—	—	—	—
Nairn §	2·7	—	17	—	—	—	—	—	—
Gordon Castle	3·0	—	19	—	—	—	—	—	—
Aberdeen §	3·0	− 3·0	19	2	22	—	—	44·1	− 0·7
Balmoral	—	—	—	4	21	—	—	—	—
(Kinc). Crathes§	2·5	− 3·0	15	3	21	42·6	—	42·7	—
Dundee §	2·6	—	17	2	28	45·0	—	—	—
Inchkeith ...	3·4	—	22	—	—	—	—	—	—
Edinburgh §	2·3	− 3·1	15	0	31	—	—	—	—
West Linton	—	—	—	4	24	—	—	—	—
Marchmont §	3·3	− 2·2	21	—	—	—	—	—	—
Ford ..	—	—	—	2	23	46·8	—	45·2	—
Renfrew ..	3·6	—	23	3	18	—	—	—	—
Rothesay §	4·8	− 1·5	30	1	27	47·3	—	46·0	− 0·9
Kilmarnock ..	4·4	—	28	—	—	46·7	—	45·7	—
Colmoneli ..	—	—	—	1	26	—	—	—	—
Dumfries ..	4·0	—	25	2	21	47·0	− 2·7	45·1	− 2·4
Eskdalemuir §	2·7	− 2·9	17	2	24	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h. "
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours.*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall. No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	52	10th	32	9th	48·7	37·7	42·9	− 5·8	6	2·41	61	+47	Douglas §	4·0	− 2·8	25	1	27	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	59	10th	32	8th	49·1	35·7	42·0	− 4·1	6	1·35	34	+21	Cockle Park §	3·4	− 2·4	22	5	23	44·0	− 3·6	44·1	− 1·7
	Tynemouth ¶	118	t	60	10th	36	8th	48·9	39·6	44·0	− 3·2	7	0·98	25	+14	Tynemouth ...	—	—	—	0	33	—	—	—	—
Durham	Durham ... ¶	336	p	59	10th	33	5th	5 ·3	36·7	43·1	− 4·4	7	1·00	25	+14	Durham §	3·1	− 2·2	20	1	28	—	—	—	—
York,	Rounton ... ¶	249	p	61	10th	34	6th	50·7	37·9	43·9	− 3·4	7	1·21	31	+20	Rounton ...	—	—	—	4	21	45·6	—	—	—
N. Riding	West Witton ...	605	a	58	10th	35	6, 9	51·7	37·7	44·3	—	7	1·32	34	—	West Witton	—	—	—	3	29	44·4	—	—	—
	Scarborough ¶	118	h	58	10th	38	5, 6, 8	52·4	40·1	45·9	− 2·4	7	0·85	22	+11	Scarborough †§	3·3	− 2·8	21	0	34	—	—	46·8	—
	York ... ¶	56	p	58	10th	37	5, 6	52·1	41·0	46·2	− 3·8	7	0·77	20	+ 9	York §	3·1	− 2·3	20	—	—	46·3	− 3·3	45·0	− 1·9
E. Riding	Spurn Head ¶	26	t	58	10th	39	8th	51·0	41·4	45·9	− 2·8	6	0·74	19	+11	Spurn Head...	3·7	—	24	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	58	9, 10	37	6th	53·9	40·4	46·8	− 3·9	4	0·57	14	+ 4	Lincoln ...	—	—	—	0	34	47·7	− 2·9	46·3	− 1·0
	Cranwell ... ¶	236	t	58	10th	37	5, 7, 9	53·6	39·4	46·1	− 4·0	4	0·69	18	+ 7	Cranwell §	4·3	− 2·1	28	0	33	—	—	—	—
																Skegness §	4·9	− 1·7	32	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	60	10th	36	6th	53·7	40·0	46·4	− 2·7	5	0·54	14	+ 6	Cromer §	4·0	− 2·3	26	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	57	7, 9, 10	38	5, 6	54·0	41·3	47·3	− 1·5	5	0·68	17	+ 7	Yarmouth §	4·7	—	31	0	32	49·1	− 3·9	48·6	− 1·7
	Norwich ... ¶	93	a	62	10th	36	5th	55·9	40·7	47·8	− 2·5	4	0·76	19	+ 8	Norwich ...	3·9	—	25	0	32	49·0	—	—	—
	Geldeston ... ¶	37	a	63	10th	36	4, 5	55·9	41·3	48·2	− 1·4	4	0·61	15	+ 5	Geldeston §	4·0	− 2·7	26	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	59	6, 9, 10	37	5, 6	56·9	40·9	48·4	− 2·4	3	0·24	6	− 4	Cambridge §	5·7	− 0·6	37	3	27	50·6	− 1·8	48·1	− 1·3
Hertford	Rothamsted ¶	420	a	58	9th	34	5th	53·9	38·9	46·0	− 3·8	5	0·73	19	+ 8	Rothamsted §	6·7	+ 0·5	44	1	28	47·9	—	—	—
Middlesex	Tottenham ¶	51	p	60	9th	40	6, 8	57·0	43·4	49·8	—	5	0·56	14	—	Tottenham §	5·9	—	39	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	60	7th	40	5, 6	56·0	43·3	49·3	− 0·4	5	0·32	8	0	Clacton-on-Sea§	7·7	+ 0·4	48	0	34	51·1	− 0·6	48·9	− 1·0
	Southend	90	h	61	9th	38	5th	57·3	42·9	49·7	—	2	0·22	6	—	Southend ...	7·7	—	50	0	36	50·4	—	—	—
4. MIDLAND COUNTIES.																									
York,	Harrogate ¶	479	h	58	10th	34	9th	49·6	37·3	43·1	− 4·6	7	1·16	29	+19	Harrogate §	3·7	− 1·9	24	4	27	44·7	− 2·9	44·2	− 2·2
W. Riding	Sheffield	429	p	58	9th	37	5th	52·6	40·4	46·1	—	7	0·98	25	+14	Sheffield §	3·7	− 1·7	24	0	33	45·9	− 2·9	44·1	− 1·4
Derby	Buxton	987	p	52	9, 10	34	5, 9	48·0	37·1	42·2	− 4·5	7	1·91	48	+34	Buxton ...	2·3	—	15	0	33	44·5	− 3·8	43·1	− 1·6
Nottingham	Worksop(Hods'ck)¶	56	a	59	10th	37	5, 9	54·6	40·3	47·0	− 2·6	6	0·61	15	+ 6	Worksop §	3·2	− 2·1	21	3	28	48·3	—	46·5	—
	Nottingham ¶	192	a	60	9th	36	5, 9	53·3	39·7	46·1	− 3·9	5	0·40	10	+ 2	Nottingham §	—	—	—	0	32	46·3	− 4·2	45·1	− 1·8
Warwick	Birmingham (Edg)¶	525	t	54	9th	36	5, 8	51·7	38·9	44·9	− 5·1	6	0·72	18	+ 8	Birmingham §	4·2	− 0·6	27	0	32	44·7	− 2·8	44·8	− 0·9
Northampton	Oundle ... ¶	147	a	57	9th	35	5th	54·0	39·1	46·1	—	5	0·26	7	—	Oundle ...	4·8	—	31	2	29	49·5	—	46·6	—
Oxford	Oxford ... ¶	208	p	59	9th	37	5th	55·9	40·7	47·8	− 3·2	5	0·49	12	+ 3	Oxford §	5·9	− 0·3	38	1	29	—	—	—	—
Stafford	Cheadle ... ¶	646	a	55	6, 7, 9	32	9th	52·7	36·4	44·1	− 4·5	7	1·05	27	+17	Cheadle ...	—	—	—	3	27	—	—	—	—
Worcester	Tenbury ... ¶	313	p	57	7, 9,	32	9th	54·4	39·0	46·2	− 3·3	6	0·47	12	+ 4	Tenbury ...	—	—	—	3	26	49·2	—	—	—
	Malvern	377	h	56	9th	38	8th	52·9	41·3	46·8	—	4	0·56	14	—	Malvern ...	6·3	—	41	1	30	49·7	—	47·6	—
Hereford	Hereford ... ¶	291	a	58	9th	33	9th	55·3	39·6	47·0	− 3·5	3	0·40	10	0	Ross on Wye§	5·5	—	36	1	30	49·8	—	48·5	—
Gloucester	Clifton ... ¶	225	a	59	9th	41	5, 8, 9	53·9	42·9	48·1	− 4·1	5	0·45	11	+ 1	Clifton §	7·0	+ 0·3	45	0	38	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	59	9th	38	5th	56·4	42·1	48·8	− 3·8	4	0·48	12	+ 4	Westminster	6·1	+ 0·7	40	0	31	—	—	—	—
	Greenwich ‡ ...	149	a	63	9th	36	5th	59·3	40·6	49·4	− 3·0	3	0·35	9	0	Greenwich ...	6·4	+ 0·1	42	3	27	—	—	—	—
	Hampstead ...	450	a	58	9th	36	5th	54·7	39·6	46·7	—	4	0·57	14	—	Hampstead ...	6·5	—	42	4	28	—	—	—	—
	Camden Square ...	110	a	62	9th	38	5th	57·3	41·4	48·9	− 4·5	5	0·45	11	+ 2	Camden Square	—	—	—	0	34	49·5	—	46·5	—
																Richmond § (Kew Obs.)	6·5	+ 0·2	42	1	28	50·9	− 1·2	48·6	− 0·2
Surrey	Richmond (KewO)¶	18	t	61	9th	38	5, 6	56·5	41·7	48·7	− 3·2	3	0·44	11	+ 2	Wisley §	6·0	− 0·5	39	4	24	51·6	− 0·4	48·0	− 0·8
	Wisley ... ¶	150	a	61	9th	35	5th	56·3	39·5	47·4	− 3·7	5	0·51	13	+ 5	Tunbridge W'ls§	7·3	+ 0·6	48	3	25	50·7	—	48·3	—
Kent	Tunbridge Wells ¶	354	h	60	9th	33	5th	55·7	38·9	46·8	− 4·0	5	0·93	24	+16	Margate §	8·0	+ 1·5	52	0	34	51·5	− 0·6	50·2	+ 0·7
	Margate ... ¶	51	h	60	10th	38	6th	55·7	42·7	48·8	− 2·4	4	0·43	12	+ 4	Folkestone §	8·1	—	53	0	35	—	—	47·5	—
	Dungeness ¶	21	t	58	7th	37	5th	53·7	42·6	47·8	− 2·8	5	0·26	7	+ 1	St. Leonards §	9·0	+ 1·6	59	1	30	53·3	—	48·6	—
Sussex	St. Leonards ¶	178	h	57	7th	36	5th	54·0	41·7	47·5	− 3·7	6	0·[illegible]3	13	+ 5	Worthing §	8·8	+ 1·5	58	1	30	51·9	− 1·9	48·9	− 1·2
	Worthing	36	h	56	4, 9	35	5, 6	53·8	40·9	47·0	—	6	0·60	15	—	Ventnor §	8·0	+ 0·9	52	—	—	—	—	—	—
I. of Wight	Ventnor ... ¶	59	a	58	7th	39	5th	54·9	42·4	48·5	− 3·8	5	0·51	13	+ 4	Southampton§	6·7	0·0	44	0	31	—	—	—	—
Hampshire	Southampton ¶	64	p	60	9th	34	5th	54·9	39·4	46·7	− 6·2	7	1·39	35	+25	Marlborough§	6·9	+ 1·0	45	0	31	50·1	—	48·0	—
Wiltshire	Marlborough ¶	424	a	58	9th	32	5th	54·3	37·3	45·3	− 4·4	5	0·95	24	+14	Porton ...	5·7	—	38	6	25	48·2	—	—	—
	Porton ¶	363	a	58	9th	31	5th	54·1	35·4	44·2	—	5	1·04	26	—										
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e) ¶	487	p	52	9, 10	31	9th	48·3	36·6	42·1	− 6·2	7	1·15	29	+16	Aspatria §	2·7	− 3·2	17	1	26	45·2	− 4·1	44·7	− 1·7
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—	Newton Rigg§	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	59	10th	35	9th	50·6	39·0	44·5	− 4·3	7	1·86	47	+32	Stonyhurst §	3·6	− 2·3	23	1	27	—	—	—	—
	Blackpool ¶	66	h	56	10th	36	9th	51·9	41·3	46·3	− 2·8	6	0·89	23	+11	Blackpool §	5·1	− 1·8	33	1	30	49·2	—	46·1	—
	Southport ¶	37	h	60	10th	37	9th	52·7	41·3	46·7	− 2·9	7	0·85	22	+11	Southport §	4·8	− 1·9	31	1	27	50·2	− 2·2	48·3	− 1·4
Manchester	Whitworth Pk. ¶	125	p	59	10th	35	9th	52·1	40·6	46·0	− 4·9	7	2·13	54	+43	Whitworth Pk.	2·0	− 2·8	13	—	—	—	—	—	—
																Oldham Road	2·0	− 3·0	13	0	33	46·4	− 3·1	46·0	− 1·8
Cheshire	Liverp'l (Bidston) ¶	189	a	59	10th	38	5th	52·1	40·9	46·2	− 4·0	7	1·07	27	+17	Bidston ...	3·4	—	22	0	35	—	—	—	—
																(Ches.)Hoylake§	4·5	− 1·6	29	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	61	10th	39	8th	53·6	42·3	47·6	− 3·1	7	0·64	16	+ 6										
Carnarvon	Llandudno ¶	22	h	59	10th	38	9th	51·4	41·3	46·1	− 4·2	7	1·15	29	+19	Llandudno §	4·1	− 2·6	27	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	52	6th	39	9th	49·7	41·9	45·6	− 3·7	7	1·67	42	+32	Holyhead ...	4·3	—	28	0	33	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	16	h	55	10th	37	9th	50·7	42·3	46·3	—	6	1·16	29	—	Aberystwyth§	5·0	− 1·4	32	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	51	10th	39	4th	49·3	44·1	46·5	− 2·8	5	0·50	13	+ 3	St. Ann's Hd. §	6·2	− 0·9	40	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	55	9, 10	34	8, 9	50·0	37·7	43·5	—	7	1·69	43	—	Rhayader §	5·3	—	34	2	28	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	58	9th	38	5, 9	53·9	41·4	47·3	− 3·3	6	1·18	30	+17	Cardiff ...	7·3	—	48	0	32	50·7	− 1·6	48·0	− 0·8
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	59	9th	39	5th	54·7	42·1	48·0	− 3·2	5	0·90	23	+13	Bath ... §	7·6	+ 0·7	50	—	—	51·5	—	48·9	—
Dorset	Shaftesbury ¶	722	a	55	9th	35	5th	52·0	38·3	44·7	− 5·0	7	1·02	26	+15	Shaftesbury...	—	—	—	—	—	—	—	47·6	—
	Portland Bill ¶	19	t	53	9th	44	5th	51·3	46·4	48·7	− 1·8	4	0·65	16	+ 9	Weymouth ...	7·9	—	52	—	—	—	—	—	—
Devon	Arlington ¶	613	a	54	9, 10	33	5th	52·1	39·1	45·2	− 4·1	6	1·38	35	+20	Arlington ...	—	—	—	1	30				
	Cullompton ¶	202	a	61	9th	34	5th	56·9	39·0	47·4	− 3·8	7	1·16	29	+18	Cullompton §	6·8	+ 0·3	44	4	26	51·9	—	—	—
	Plymouth ¶	116	p	55	5th	39	4, 5	52·9	42·7	47·5	− 4·3	6	1·22	31	+20	Plymouth §	6·9	− 0·2	45	0	34	50·9	− 3·0	49·5	—
Cornwall	Newquay ... ¶	190	h	59	9th	41	6, 8	52·9	44·7	48·6	− 2·1	5	0·37	9	0	Newquay §	7·2	+ 0·1	48	—	—	51·7	—	49·6	—
	Falmouth ¶	167	h	59	9th	40	5th	54·7	43·6	48·8	− 2·2	5	0·63	16	+ 4	Falmouth §	8·5	+ 1·0	56	0	36	53·7	—	52·0	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	51	10th	34	6th	47·6	38·9	43·0	− 5·4	6	1·39	35	+25	Malin Head...	4·7	—	30	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	53	9th	36	4th	49·7	40·3	44·7	− 5·0	7	0·77	20	+ 5										
	Mallarany ...	120	a	56	10th	34	4th	51·6	37·0	43·9	—	6	1·22	31	—	Mallarany ...	5·8	—	37	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	61	10th	27	4th	52·7	35·7	43·7	− 5·2	6	1·57	40	+26	MarkreeC'stle§	—	—	—	3	24	48·1	− 3·8	46·9	− 1·3
Armagh	Armagh ... ¶	204	p	60	10th	32	9th	52·4	36·4	43·9	− 5·4	6	1·39	35	+22	Armagh §	3·9	− 1·9	25	3	26	48·0	− 3·0	46·8	− 1·4
Down	Donaghadee ¶	35	t	57	10th	30	5th	49·3	39·1	43·9	− 5·0	7	0·85	22	+10										
10. IRELAND, S.																Trinity Coll.	—	—	—	1	29	48·7	− 2·8	47·9	− 1·3
Dublin	Dublin City ¶	54	p	58	10th	35	4, 9	52·9	39·0	45·5	− 5·7	6	1·14	29	+18	Phœnix Park §	4·7	− 1·4	30	4	24	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	60	10th	30	4th	53·9	37·3	45·1	− 4·5	7	1·58	40	+28	Dublin City ...	—	—	—	2	28	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	57	10th	31	4th	53·9	36·9	44·9	− 5·3	6	1·41	36	+24	Birr Castle §	5·3	− 0·1	34	4	24	—	—	—	—
Waterford	Waterford ¶	137	a	58	10th	34	4th	54·1	39·6	46·4	− 4·2	6	0·83	21	+ 9										
	Seskin, Carrick-on-Suir ¶	542	p	55	8, 10	32	4th	52·7	37·0	44·4	—	6	0·97	25	—	Seskin ...	5·7	—	37	3	26	—	—	—	—
Limerick	Foynes ... ¶	50	a	59	9th	34	4th	53·9	40·6	46·9	− 4·0	7	1·20	30	+18										
Kerry	Cahirciveen ¶	30	t	57	10th	35	4th	52·0	42·9	47·2	− 3·8	7	1·00	25	+ 8	Cahirciveen	7·3	+ 1·2	47	0	35	—	—	—	—
	Killarney ¶	174	a	59	10th	32	4th	55·5	40·7	47·7	− 3·1	7	1·42	36	+20	(Valencia O.)§									
Cork	Roche's Point ¶	32	t	55	10th	35	4th	52·1	41·6	46·5	− 4·1	7	1·02	26	+13	Ballinacurra §	6·8	+ 0·6	44	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	57	9th	42	5th	53·7	45·3	49·3	− 2·0	5	0·35	9	+ 2	St. Mary's §	8·6	+ 1·0	57	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	57	4th	39	6th	54·0	43·3	48·3	− 4·5	5	0·52	13	+ 6	Grange §	8·0	− 0·3	53	0	35	53·6	− 0·5	51·1	− 0·3
Jersey	St. Heliers ¶	44	h	56	6th	40	5th	53·7	45·6	49·4	− 3·4	1	0·26	7	0	St. Heliers §	7·7	− 0·4	51	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, May 10th, 1924.

District County & Station.	Height. Above Mean Sea Level.	Height. Above Ground	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed m.p.h	Highest Gust. Speed m/s.	Highest Gust. Time. d.	Highest Gust. Time. h	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	8	9	7 to 10	37	37	66	19	0	30	43	19	8	7	54	24	8	10	0
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	7 to 9	41	77	50	0	0	10	37	16	8	10	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	7, 8	22	66	74	6	0	20	30	14	8	5	50	23	8	11	0
Edinburgh Edinburgh ...	485	39	31	—	0	8	1	30	97	40	0	360	25	11	8	14	38	17	8	10	40
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	8	1	13	97	57	0	360	25	11	8	16	42	19	8	12	35
Dumfries Eskdalemuir ...	825	50	22	—	0	8, 10	6	32	87	43	0	340 / 190	28	13	8 / 10	14 / 6	45	20	8	14	5
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	8	2	66	83	17	0	180	26	12	10	14	43	19	8	16	10
York, E.R. Spurn Head ...	67	41	‡	—	0	5, 8 to 10	25	89	70	4	0	310	36	16	8	21	50	22	8	19	55
Lincoln Cranwell ...	280	43	31	—	0	10	4	67	77	20	0	180	28	13	10	13	33	15	10	13	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	10	2	74	72	20	0	180	26	12	10	14	36	16	5	19	30
Essex Shoeburyness...	103	90	‡	—	0	—	0	86	48	14	20	—	23	10	10	13	43	19	8	16	5
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	16	130	22	0	190	20	9	10	11	31	14	10	10	5
Kent Lympne ...	409	70	‡	—	0	8	6	79	79	4	0	250	28	13	8	12	49	22	8	11	40
Surrey Croydon ...	284	40	24	—	0	—	0	60	104	4	0	210	19	9	10	11	35	16	8	4	25
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	47	84	9	28	280	24	11	5	16	38	17	5	17	30
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	5	5	118	35	2	8	270	24	11	7	18	41	18	5	14	50
Wiltshire Larkhill, S'y Plain ...	513	63	42	—	0	5, 10	7	94	67	0	0	290	27	12	5	14	38	17	7	16	30
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	5, 8	25	59	70	14	0	330	30	13	8	22	39	17	5	4	50
Lancashire Southport ...	80	62	48	—	0	5, 7, 8	30	64	69	5	0	260	33	15	5	16	43	19	5	12	15
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	5, 7 to 9	21	110	30	2	5	290 / 300	29	13	8	2 / 7	44	20	5	14	10
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	10	8	61	76	21	2	—	31	14	10	6	38	17	7	19	35
Cornwall Pendennis Castle§ ..	256	65	24	—	0	8 to 10	11	84	62	4	7	200	34	15	10	5	43	19	10	5	25
10. IRELAND, S																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	4, 5, 7, 8	34	59	55	6	14	250	34	15	5	9	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	5, 7, 8	32	89	46	1	0	—	31	14	7	6	46	21	7	21	20
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	5	1	122	33	12	0	230	25	11	5	19	48	22	5	4	0
Cork Weaver Pt. ...	160	30	‡	—	0	5 to 8	15	93	56	1	3	—	28	13	7	8	53	24	5	10	20
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	7, 8, 10	48	102	18	0	0	300	34	15	8	9	46	21	8	8	35

‡‡Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡Standard mounting.

§Direction from the Robinson Anemometer at Falmouth Observatory. **For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.: maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N.* Deerness. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	14	9	4·2	8	7	3·1	15	11	5·1	18	7	3·3	17	9	4	11	11	4·7	13	9	4·1	14	9	4·0
North	14	16	7·0	11	9	4·2	5	7	3·0	3	4	1·8	10	10	5	14	11	4·7	7	7	3·2	11	10	4·4
West	5	6	2·8	8	6	2·5	14	10	4·4	24	7	3·1	26	11	5	26	17	7·5	18	16	7·1	21	13	5·6
East	20	13	5·	9	5	2·3	7	6	2·5	0	—	—	0	—	—	1	2	0·7	2	6	2·5	4	2	1·0
Calm (or wind-speed < 4 m.p.h.)	0	—	—	8	—	—	5	—	—	2	—	—	0	—	—	0	—	—	1	—	—	3	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 15th May, 1924.

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VI C. 3

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

27 MAY 1924 LIBRARY

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 20

TWENTIETH WEEK.
SUNDAY, MAY 11TH TO SATURDAY, MAY 17TH, 1924.

Price 9d. Net, Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTIETH WEEK of 1924—May 11th to May 17th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	62	35	54·7	41·5	47·7	+0·3	41	− 2	1	− 4	5	+ 1	0·78	20	5·9	+0·2	35	1011
Eastern.																		
1. SCOTLAND, EAST ...	63	31	57·0	40·8	48·4	+0·4	48	0	3	− 3	5	+ 1	0·34	9	− 4	6·3	+0·3	38	1012
2. ENGLAND, N.E. ...	72	36	61·0	45·2	52·7	+3·4	75	+ 21	0	− 2	4	+ 1	0·31	8	− 3	7·3	+1·1	46	1015
3. ENGLAND, EAST ...	78	36	63·9	47·4	55·1	+3·8	92	+25	0	− 2	3	0	0·71	18	+ 7	7·9	+1·3	50	1017
4. MIDLAND COUNTIES	72	35	62·0	44·7	52·9	+1·7	76	+ 9	0	− 3	3	0	0·38	10	− 3	6·6	+0·7	42	1017
5. ENGLAND, S.E. ...	76	31	61·8	46·5	53·7	+1·0	82	+ 6	0	− 1	3	0	0·46	12	+ 1	7·6	+0·6	49	1018
Western.																		
6. SCOTLAND, WEST[1] ...	62	36	56·6	43·4	49·6	− 0·3	53	− 6	0	− 3	4	0	0·34	9	− 8	7·1	+0·6	44	1013
7. ENGLAND, N.W.[2] ...	65	40	58·1	46·2	51·8	+1·1	69	+ 7	0	− 1	5	+ 2	0·42	11	− 2	7·8	+1·2	49	1015
8. ENGLAND, S.W.[3] ...	65	34	57·4	45·6	51·2	− 0·7	64	− 6	0	− 1	4	+ 1	0·79	20	+ 8	6·0	− 0·9	38	1017
9. IRELAND, NORTH ...	62	35	57·3	43·2	49·9	− 0·2	55	− 2	0	− 1	5	+ 1	0·59	15	+ 2	8·6	+2·5	54	1012
10. IRELAND, SOUTH ...	64	38	58·5	44·2	50·9	− 0·9	62	− 7	0	− 1	4	+ 1	0·45	11	− 3	8·9	+2·1	56	1015
11. CHANNEL ISLANDS[4]	65	43	57·9	48·7	53·0	− 0·3	77	− 2	0	0	3	0	0·42	11	+ 1	5·9	− 1·9	38	1018
MEAN: DISTRICTS 1-10	78	31	59·4	44·7	51·6	+0·9	68	+ 5	0	− 2	4	+ 1	0·48	12	− 1	7·4	+0·9	47	1015

THE SEASON (Spring).—Aggregates, &c., for the Period of 11 Weeks, March 2nd to May 17th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	62	12	47·3	35·4	41·1	− 1·4	180	− 68	250	+45	43	− 7	6·97	177	− 50	3·9	− 0·4	28	1010
Eastern.																			
1. SCOTLAND, EAST ...	65	2	47·3	33·9	40·3	− 2·5	181	−112	314	+89	41	− 4	5·12	130	− 11	4·0	− 0·6	29	1010
2. ENGLAND, N.E. ...	72	16	49·6	35·6	42·3	− 1·9	273	− 52	251	+90	32	− 8	3·80	96	− 14	4·6	− 0·4	33	1012
3. ENGLAND, EAST ...	78	20	51·7	37·4	44·2	− 1·0	370	− 34	198	+41	33	− 4	4·78	120	+14	5·4	+ 0·1	40	1013
4. MIDLAND COUNTIES	73	19	51·9	35·4	43·3	− 1·8	352	− 65	251	+75	32	− 4	4·83	122	+ 5	4·5	− 0·2	33	1012
5. ENGLAND, S.E. ...	76	20	52·1	37·9	44·7	− 1·7	391	− 53	180	+68	36	0	5·81	147	+33	5·6	+ 0·2	42	1012
Western.																			
6. SCOTLAND, WEST[1] ...	64	15	49·3	35·3	42·0	− 2·4	244	− 93	246	+99	35	− 10	6·62	167	− 34	4·6	− 0·3	34	1011
7. ENGLAND, N.W.[2] ...	65	21	49·8	37·5	43·4	− 1·6	291	− 65	185	+32	37	− 3	4·91	124	− 22	5·0	+ 0·1	37	1011
8. ENGLAND, S.W.[3] ...	75	15	51·4	38·6	44·7	− 1·5	364	− 57	154	+58	36	− 3	6·97	176	+13	5·5	+ 0·2	40	1012
9. IRELAND, NORTH ...	69	18	50·1	37·4	43·4	− 1·8	285	− 75	173	+57	42	− 7	6·21	158	− 8	5·0	+ 0·4	36	1010
10. IRELAND, SOUTH ...	67	21	52·1	39·0	45·3	− 1·4	382	− 62	131	+44	39	− 4	5·85	149	− 27	5·0	− 0·2	37	1011
11. CHANNEL ISLANDS[4]	68	30	52·2	43·1	47·5	− 0·9	457	− 64	38	+12	38	− 3	6·25	160	+28	6·2	0·0	46	1012
MEAN: DISTRICTS 1-10	78	2	50·5	36·8	43·4	− 1·8	313	− 67	208	+68	36	− 5	5·49	139	− 5	4·9	− 0·1	36	1011

THE YEAR. Aggregates, &c., for the Period of 20 Weeks, December 30th, 1923, to May 17th 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	62	12	45·6	35·7	40·5	0·0	238	− 64	444	− 67	87	− 9	15·42	392	−110	2·7	− 0·3	23	1009
Eastern																			
1. SCOTLAND, EAST ...	65	2	45·1	33·8	39·3	− 1·1	229	−121	602	+24	80	− 1	9·07	231	− 37	2·9	− 0·5	25	1011
2. ENGLAND, N.E. ...	72	16	46·4	35·0	40·6	− 1·0	318	− 77	516	+67	62	− 12	6·97	177	− 22	3·3	− 0·4	28	1013
3. ENGLAND, EAST ...	78	18	47·4	35·9	41·5	− 0·6	411	− 74	476	+10	66	− 6	8·51	215	+20	3·8	− 0·1	33	1014
4. MIDLAND COUNTIES	73	15	48·0	34·8	41·2	− 0·9	409	− 96	516	+24	65	− 6	8·37	224	+ 1	3·2	− 0·3	28	1013
5. ENGLAND, S.E. ...	76	17	48·4	36·8	42·5	− 0·9	465	− 83	398	+41	66	− 4	9·42	240	+12	4·0	0·0	35	1014
Western.																			
6. SCOTLAND, WEST[1] ...	64	15	47·0	35·3	41·1	− 1·0	319	− 95	453	+64	77	− 10	13·89	351	− 75	3·2	− 0·3	28	1012
7. ENGLAND, N.W.[2] ...	65	21	47·2	37·0	42·0	− 0·6	362	− 78	366	+ 7	73	− 4	9·38	237	− 57	3·6	+ 0·1	31	1013
8. ENGLAND, S.W.[3] ...	75	14	48·7	37·8	43·1	− 0·8	468	− 81	309	+25	71	− 6	13·37	338	− 2	3·9	0·0	34	1013
9. IRELAND, NORTH ...	69	18	48·4	37·6	42·9	− 0·3	418	− 54	287	− 25	87	− 6	12·17	310	− 28	3·5	+ 0·1	30	1011
10. IRELAND, SOUTH ...	67	21	50·1	38·8	44·3	− 0·4	554	− 57	226	− 16	79	− 5	13·55	343	− 25	3·5	− 0·3	30	1012
11. CHANNEL ISLANDS[4]	68	30	50·3	42·3	46·2	− 0·3	675	− 57	88	− 12	77	− 6	12·25	313	+31	4·4	− 0·2	38	1014
MEAN: DISTRICTS 1-10	78	2	47·7	36·3	41·9	− 0·8	395	− 82	415	+22	73	− 6	10·52	267	− 21	3·5	− 0·2	30	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Heavy	Moderate	Moderate	Heavy	Moderate	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate	Moderate
	Sunshine ..	Moderate	Moderate	Moderate	Abundant	Moderate	Moderate	Moderate	Abundant	Moderate	Abundant	Abundant	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 11 weeks from March 2nd, 1924	Warmth ..	1, 6, 4	0, 3, 8	2, 4, 5	2, 5, 4	2, 4, 5	1, 5, 5	1, 4, 6	1, 4, 6	1, 6, 4	1, 5, 5	2, 4, 5	1, 6, 4
	Rainfall ..	5, 1, 5	3, 5, 3	2, 4, 5	3, 5, 3	2, 7, 2	5, 4, 2	4, 4, 3	2, 7, 2	4, 5, 2	4, 1, 6	3, 3, 5	3, 6, 2
	Sunshine ..	1, 8, 2	2, 5, 4	2, 5, 4	5, 2, 4	4, 2, 5	4, 4, 3	4, 3, 4	7, 0, 4	5, 4, 2	6, 2, 3	5, 3, 3	4, 3, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

During the past week there was an improvement in the weather in most parts of the British Isles and in many places the total amount of rainfall for the week was below the normal. Sunshine values exceeding 14hrs. were registered at several stations, notably on the 16th, among the largest amounts being 14·5hrs. at Bath, Weymouth and Porton (Salisbury Plain), 14·6hrs. at Felixstowe and 14·8hrs. at Clacton. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·1 hrs. at Birr Castle (King's County) to – 2·5hrs. at Falmouth. Mean temperature for the week was above the normal in the northern and eastern Districts but in most of the western and southern Districts it was slightly below normal. In some parts of the east and south-east of England the maximum temperatures recorded on the 14th were above 75°F., while at Norwich and Sheerness temperatures as high as 78°F. were registered. The lowest of the screen minima, 31°F., occurred at Balmoral on the 14th and at Marlborough (Wilts) on the 17th, but ground frosts were recorded in several places, the lowest of the grass temperatures, 24°F., being registered at Leuchars (Fife) on the 12th. Thunderstorms occurred in many parts of the country on various dates, the most notable being that which occurred during the early hours of the 14th when a secondary disturbance moving northwards from the Bay of Biscay caused a thunderstorm over an area extending from the south to the east coasts of England. In London (Hampstead) 6·6mm. of rain fell between 2h. 25m. and 2h. 30m. and 3·8mm. between 2h. 28m. and 2h. 30m. Hail was reported in several parts of our Islands. Solar and lunar halos were observed in many parts of the country. A sun pillar was observed at Newquay on the 14th and at Ross-on-Wye on the 17th. A mirage was seen in Whitehall (London) at about 15h. 30m. on the 11th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	54	12, 14	41	16th	51·3	43·1	47·0	+2·8	3	0·99	25
Orkneys	Deerness	160	p	60	13th	42	11, 15, 17	54·4	42·3	48·0	+2·7	7	0·60	15
Hebrides	Stornoway ¶	51	t	55	11, 14	39	13th	53·4	42·4	47·6	+1·2	7	1·38	35
	Castlebay	37	t	52	13, 15	45	16th	50·9	47·0	48·8	—	7	0·52	13
Caithness	Wick ... ¶	81	t	55	15th	39	11, 17	52·9	41·4	46·8	+0·8	5	0·88	22
Ross and Cromarty	Strathpeffer ¶	125	a	59	12, 14, 15	33	13th	57·6	38·6	47·5	– 0·5	5	0·32	8
	Achnashellach ¶	225	h	57	14th	38	13th	54·1	41·4	47·4	—	6	0·97	25
Inverness	Inverness	242	h	60	15th	38	13th	57·3	40·7	48·5	—	5	0·36	9
	Fort Augustus ¶	68	a	62	14th	35	13th	58·7	40·3	49·0	+1·4	6	0·40	10
	Onich ... ¶	48	h	56	11, 13, 15	41	13, 14	55·0	43·1	48·7	—	6	0·49	12
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	63	14th	37	13th	59·1	40·3	49·1	+1·0	4	0·32	8
Elgin	Gordon Castle ¶	101	p	61	14th	40	17th	58·0	42·3	49·7	+1·4	6	0·44	11
Aberdeen	Aberdeen ... ¶	46	t	62	15th	39	12th	57·0	42·9	49·5	—	6	0·75	19
	Balmoral ... ¶	930	a	58	15th	31	14th	55·1	35·3	44·6	– 0·9	3	0·18	5
Perth	Crieff ... ¶	478	p	59	12, 15	37	12th	57·4	41·0	48·7	– 0·6	5	0·17	4
Forfar	Dundee	147	a	62	15th	40	12th	59·0	43·6	50·8	—	4	0·45	11
Fife	Inchkeith ... ¶	190	t	59	15, 17	43	12, 17	56·0	44·6	50·0	—	3	0·20	5
Midlothian	Edinburgh ...	441	p	60	15th	42	17th	56·9	44·3	50·2	+2·3	3	0·21	5
Peebles	West Linton ¶	770	a	60	15th	34	12, 13	56·7	38·3	47·0	+1·1	6	0·43	11
Berwick	Marchmont ¶	498	a	61	15th	38	12th	56·9	42·0	49·0	+1·4	3	0·20	5
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	57	12th	39	12th	55·1	41·7	48·0	—	4	0·47	12
Renfrew	Renfrew ... ¶	36	t	60	12th	36	12th	58·0	41·7	49·4	—	5	0·11	3
Bute	Rothesay ... ¶	200	p	58	11, 12, 13	42	12th	56·1	43·9	49·6	– 0·5	5	0·39	10
Ayr	Kilmarnock ¶	90	a	62	15th	41	12th	59·1	43·7	50·9	+1·4	4	0·59	15
	Colmonell... ¶	170	a	60	13th	38	17th	57·6	44·7	50·8	+1·2	2	0·06	2
Dumfries	Dumfries ... ¶	140	p	59	13th	37	17th	56·7	43·6	49·8	– 0·7	4	0·33	8
	Eskdalemuir ...	794	t	57	12, 13	34	13th	55·1	39·6	46·9	—	5	0·64	16

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	5·5	—	32	—	—	—	—	—	—
Deerness §	5·9	– 0·2	35	—	—	—	—	—	—
Stornoway §	5·0	– 1·6	30	—	—	—	—	—	—
Castlebay ...	7·5	—	46	—	—	—	—	—	—
Achnashellach	—	—	—	2	30	—	—	—	—
Inverness §	6·7	—	40	0	33	—	—	—	—
Onich ...	5·2	—	32	0	35	—	—	—	—
Nairn §	7·0	—	42	—	—	—	—	—	—
Gordon Castle	5·9	—	36	—	—	—	—	—	—
Aberdeen §	6·0	– 0·2	36	3	27	—	—	44·2	– 1·6
Balmoral ...	—	—	—	5	26	—	—	—	—
(Kinc).Crathes §	6·7	+1·0	41	1	28	46·7	—	43·1	—
Dundee §	5·2	—	32	0	32	47·6	—	—	—
Inchkeith ...	6·8	—	42	—	—	—	—	—	—
Edinburgh §	6·0	+0·3	37	0	34	—	—	—	—
West Linton...	—	—	—	1	30	—	—	—	—
Marchmont §	6·6	+0·8	41	—	—	—	—	—	—
Ford ...	—	—	—	0	33	49·3	—	45·9	—
Renfrew ...	6·6	—	41	2	28	—	—	—	—
Rothesay §	6·8	+1·2	42	0	33	51·0	—	46·7	– 1·1
Kilmarnock ...	6·6	—	41	—	—	50·8	—	46·3	—
Colmonell ...	—	—	—	0	37	—	—	—	—
Dumfries ...	7·5	—	47	0	31	50·4	– 1·8	46·5	– 2·3
Eskdalemuir §	5·5	– 0·7	34	0	32	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	57	13, 16	42	17th	53·9	44·4	48·9	− 1·0	4	0·39	10	− 4
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	62	15th	36	12th	57·6	40·7	48·6	+1·5	5	0·41	10	− 4
	Tynemouth ¶	118	t	62	15th	43	17th	58·4	46·1	51·9	+3·8	6	0·50	13	+ 2
Durham	Durham ... ¶	336	p	63	17th	40	17th	59·4	43·6	51·0	+2·4	6	0·45	11	0
York, N. Riding	Rounton ... ¶	249	p	63	15, 17	42	16, 17	60·7	43·9	51·8	+3·5	6	0·27	7	− 4
	West Witton ...	605	a	63	17th	42	14th	59·0	44·0	51·1	—	5	0·41	10	—
	Scarborough ¶	118	h	68	14, 15	44	17th	64·3	46·9	55.1	+5·9	3	0·30	8	− 3
	York ... ¶	56	p	68	14th	45	17th	62·8	47·2	54·5	+3.5	3	0·24	6	− 5
E. Riding	Spurn Head ¶	26	t	69	14th	45	17th	59·0	46·7	52·5	+2·8	4	0·29	7	− 2
Lincoln	Lincoln ... ¶	58	a	71	14th	42	17th	63·7	46·4	54·5	+2·8	2	0·15	4	− 7
	Cranwell ... ¶	236	t	72	14th	41	17th	63·4	45·6	54·0	+2·8	2	0·20	5	− 6
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	75	14th	45	17th	63·7	47·7	55·2	+4·7	4	0·91	23	+15
	Yarmouth ... ¶	13	t	66	14th	44	17th	60·3	48·1	53·8	+3·6	3	0·74	19	+ 9
	Norwich ... ¶	93	a	78	14th	40	17th	66·0	48·1	56·5	+4·7	3	0·77	20	+ 9
	Geldeston ... ¶	37	a	77	14th	42	17th	64·9	47·9	55·9	+4·9	4	0·97	25	+15
Cambridge	Cambridge ¶	41	p	76	14th	36	17th	65·7	45·3	54·9	+2·7	3	0·85	21	+11
Hertford	Rothamsted ¶	420	a	73	14th	37	17th	63·3	44·3	53·2	+2·0	4	0·86	22	+11
Middlesex	Tottenham ¶	51	p	75	14th	44	17th	65·3	48·4	56·3	—	3	0·39	10	—
Essex	Clacton-on-Sea ¶	55	t	69	14th	45	17th	62·1	49·3	55·3	+4·2	3	0·17	4	− 4
	Southend	90	h	75	14th	45	17th	64·3	49·1	56·2	—	2	0·14	3	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	63	17th	43	17th	59·	44·6	51·7	+2·6	3	0·39	10	− 4
	Sheffield	429	p	67	14th	44	17th	61·9	46·4	53·7	—	2	0·17	4	+10
Derby	Buxton	987	p	62	15th	42	16, 17	59·0	43·4	50·7	+2·5	3	0·28	7	− 12
Nottingham	Worksop(Hods'ck)¶	56	a	69	14th	39	17th	64·6	44·9	54·2	+3·1	3	0·13	3	− 9
	Nottingham ¶	192	a	69	14th	40	17th	62·9	45·9	53·9	+2·8	2	0·29	7	− 4
Warwick	Birmingham (Edg)¶	525	t	64	14, 17	41	17th	60·7	45·4	52·6	+1·1	3	0·33	8	− 5
Northampton	Oundle ... ¶	147	a	72	14th	35	17th	63·7	44·4	53·5	—	4	0·41	10	—
Oxford	Oxford ... ¶	208	p	71	14th	38	17th	63·3	46·3	54·3	+1·8	4	0·48	12	0
Stafford	Cheadle ... ¶	646	a	65	14th	38	17th	61·9	43·0	51·9	+1·8	3	0·26	7	− 7
Worcester	Tenbury ... ¶	313	p	65	15th	35	17th	61·9	43·9	52·4	+1·4	4	0·27	7	− 3
	Malvern	377	h	64	17th	41	17th	60·9	45·7	52·8	—	3	0·29	7	—
Hereford	Hereford ... ¶	291	a	66	17th	35	17th	60·9	42·6	51·2	− 0·8	3	0·49	13	− 1
Gloucester	Clifton ... ¶	225	a	66	17th	42	17th	60·6	46·1	52·[illegible]	− 0·9	4	0·73	19	+ 6
5. ENGLAND, S.E.															
London	Westminster ...	27	a	74	14th	43	17th	65·9	48·3	56·6	+2·9	4	0·33	8	− 2
	Greenwich ‡ ...	149	a	76	14th	39	17th	68·6	46·6	56·9	+3·4	3	0·44	11	0
	Hampstead ...	450	a	72	14th	43	17th	63·3	46·7	54·5	—	3	0·63	16	—
	Camden Square ...	110	a	77	14th	42	17th	66·9	48·0	56·9	+2·3	4	0·35	10	− 1
Surrey	Richmond (KewO)¶	18	t	73	14th	40	17th	64·8	47·6	55·7	+2·7	3	0·45	11	0
	Wisley ... ¶	150	a	73	14th	37	17th	65·6	45·7	55·1	+2·9	5	0·41	10	+ 1
Kent	Tunbridge Wells ¶	354	h	74	14th	38	17th	63·6	45·7	54·1	+2·2	2	0·30	8	− 2
	Margate ... ¶	51	h	76	14th	48	11th	63·6	50·0	56·4	+4·1	2	0·10	3	− 7
	Dungeness ¶	21	t	62	15th	42	17th	57·9	47·6	52·4	+0·7	2	0·17	4	− 4
Sussex	St. Leonards ¶	178	h	66	14th	45	17th	59·9	47·8	53·5	+1·2	2	0·27	7	− 3
	Worthing	36	h	63	15th	40	17th	59·9	47·1	53·1	—	2	0·33	8	—
I. of Wight	Ventnor ... ¶	59	a	61	14, 15, 17	45	15, 17	58·7	47·0	[illegible]	− 0·7	3	0·69	18	+ 8
Hampshire	Southampton ¶	64	p	68	14th	39	17th	61·9	46·3	53·6	− 0·4	4	0·91	23	+11
Wiltshire	Marlborough ¶	424	a	66	14th	31	17th	60·9	44·0	51·9	+0·9	3	0·[illegible]	22	+10
	Porton ¶	363	a	65	14th	35	17th	61·3	43·1	51·[illegible]	—	3	0·41	10	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	57	12, 13, 17	40	12th	55·4	42·7	48·7	− 1·0	4	0·13	3	− 11
	Newton Rigg ¶	559	p	60	17th	—	—	56·9	—	—	—	4	0·23	6	− 7
Lancashire	Stonyhurst ¶	377	a	62	17th	42	17th	57·6	45·4	51·1	+0·8	5	0·65	17	+ 1
	Blackpool ¶	66	h	62	17th	44	17th	57·4	47·3	52·1	+1·6	5	0·58	15	+ 3
	Southport ¶	37	h	60	15th	43	17th	58·0	46·6	52·0	+1·0	5	0·54	14	+ 2
Manchester	Whitworth Pk. ¶	125	p	65	17th	42	17th	60·6	46·7	53·2	+0·8	4	0·47	12	0
Cheshire	Liverp'l (Bidston) ¶	189	a	60	15th	45	16th	58·6	46·6	52·2	+0·6	5	0·41	10	− 1
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	63	15, 17	44	17th	61·1	47·4	53·8	+1·7	5	0·41	11	+ 1
Carnarvon	Llandudno ¶	22	h	61	15th	45	17th	58·[illegible]	47·1	52·4	+0·8	5	0·35	9	− 2
Anglesey	Holyhead ¶	26	t	57	13th	46	11, 12, 16	55·1	46·6	50·6	− 0·1	4	0·55	14	+ 3
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	59	17th	43	17th	55·6	46·4	50·7	—	4	0·65	17	—
Pembroke	St. Ann's Hd. ¶	150	t	55	17th	47	11–17	52·4	47·0	49·5	− 1·2	4	0·71	18	+ 7
Radnor	Rhayader ¶	757	a	62	17th	34	17th	57·4	42·7	49·6	—	5	0·46	12	—
Glamorgan	Cardiff ... ¶	202	p	62	15th	39	17th	58·9	45·7	51·9	− 0·2	4	0·85	22	+ 8
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	65	14, 17	37	17th	61·1	45·7	52·9	+0·2	3	0·75	19	+ 9
Dorset	Shaftesbury ¶	722	a	61	15th	41	17th	58·4	44·0	50·8	− 0·4	4	0·43	11	− 1
	Portland Bill ¶	19	t	56	13, 17	47	17th	53·0	48·3	50·5	− 1·4	3	0·31	8	0
Devon	Arlington ¶	613	a	62	17th	37	17th	56·9	45·1	50·7	0·0	5	1·42	36	+20
	Cullompton ¶	202	a	64	13, 17	34	17th	61·7	43·9	52·3	− 0·3	3	0·75	19	+ 7
	Plymouth ¶	116	p	60	14, 16, 17	38	17th	57·0	46·9	51·7	− 1·5	4	1·21	31	+20
Cornwall	Newquay ... ¶	190	h	59	15th	38	17th	55·5	46·3	50·6	− 1·5	5	0·83	21	+12
	Falmouth ¶	167	h	61	13, 14	40	17th	57·4	46·6	51·7	− 0·6	3	1·06	27	+15
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	57	15th	41	11, 12	54·1	43·3	48·4	− 0·9	4	0·53	13	+ 2
Mayo	Blacksod Point ¶	10	t	56	11, 13	44	16th	55.0	46·0	50·2	− 0·4	5	0·59	15	0
	Mallarany ...	120	a	59	15th	41	12th	56·4	45·0	50·4	—	3	0·35	9	—
Sligo	Markree Castle ¶	122	p	61	17th	35	12th	59·1	40·3	49·1	− 0·7	6	0·82	21	+ 6
Armagh	Armagh ... ¶	204	p	62	13th	40	12th	59·4	43·7	51·1	+0·9	5	0·71	18	+ 5
Down	Donaghadee ¶	35	t	62	13th	42	17th	57·1	43·9	50·1	+0·3	5	0·22	6	− 6
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	62	13, 17	44	17th	61·0	45·9	53·0	+0·6	5	0·34	9	− 2
King'sCounty	Birr Castle ¶	175	t	62	13th	38	17th	59·3	42·1	50·2	− 0·7	5	0·69	17	+ 5
Kilkenny	Kilkenny ¶	182	a	64	13th	38	11, 17	60·6	42·9	51·2	− 0·2	3	0·20	5	− 7
Waterford	Waterford ¶	137	a	60	16th	41	17th	57·4	44·3	50·5	− 1·3	4	0·38	10	− 3
	Seskin, Carrick-on-Suir	542	p	61	15, 16	39	15th	58·9	41·6	49·7	—	4	0·36	9	—
Limerick	Foynes ... ¶	50	a	62	13th	40	15th	59·0	43·9	51·0	− 1·1	6	0·68	17	+ 4
Kerry	Cahirciveen ¶	30	t	57	12, 13, 17	41	12th	56·1	45·4	50·4	− 2·7	3	0·39	10	− 8
	Killarney ¶	174	a	61	12, 13, 17	40	12th	59·7	44·1	51·4	− 0·6	4	0·50	13	− 4
Cork	Roche's Point ¶	32	t	56	16, 17	40	17th	54·6	44·7	49·4	− 2·4	4	0·43	11	− 2
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	57	15, 16, 17	43	17th	55·4	47·0	51·0	− 1.5	3	0·75	19	+10
Guernsey	Grange ... ¶	173	p	62	14th	46	17th	58·1	49·0	53·3	− 0·8	3	0·24	6	− 3
Jersey	St. Heliers ¶	28	h	65	17th	46	17th	60·3	50·0	54·8	+0·7	2	0·24	7	− 3

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	8·8	+1·2	55	0	37	—	—	—	—
Cockle Park §	7·9	+2·0	49	3	26	47·8	− 2·2	45·3	− 1·8
Tynemouth ...	—	—	—	0	37	—	—	—	—
Durham §	8·1	+2·7	50	1	30	—	—	—	—
Rounton ...	—	—	—	4	26	50·0	—	—	—
West Witton	—	—	—	0	35	49·0	—	43·2	—
Scarborough †§	6·9	+0·7	43	0	40	—	—	48·1	—
York §	5·4	− 0·2	34	—	—	49·8	− 1·8	45·9	− 2·2
Spurn Head...	6·7	—	42	—	—	—	—	—	—
Lincoln ...	—	—	—	0	38	51·7	− 1·5	47·1	− 1·5
Cranwell §	7·3	+0·7	46	0	34	—	—	—	—
Skegness §	8·3	+1·5	53	—	—	—	—	—	—
Cromer §	8·1	+1·5	51	—	—	—	—	—	—
Yarmouth §	8·5	—	54	0	38	54·6	− 0·6	50·4	− 1·2
Norwich ...	8·5	—	54	0	36	54·5	—	—	—
Geldeston §	7·7	+0·8	49	—	—	—	—	—	—
Cambridge §	7·7	+1·1	49	0	32	54·5	− 0·1	49·3	− 1·6
Rothamsted §	7·6	+1·3	49	1	28	51·8	—	—	—
Tottenham §	7·0	—	45	—	—	—	—	—	—
Clacton-on-Sea§	8·5	+1·0	54	0	36	55·0	+1·0	50·2	− 1·1
Southend ...	8·2	—	52	0	42	54·6	—	—	—
Harrogate §	6·8	+0·9	43	0	33	48·1	− 1·6	45·8	− 2·0
Sheffield §	7·1	+1·5	44	0	38	50·2	− 0·8	45·4	− 1.2
Buxton ...	6·2	—	39	0	40	49·3	− 1·4	43·8	− 2·0
Worksop §	5·9	+0·4	37	0	31	52·2	—	47·8	—
Nottingham §	—	—	—	0	35	50·9	− 2·5	46·5	− 2·0
Birmingham §	6·5	+1·5	41	1	30	48·4	− 1·1	45·2	− 1·3
Oundle ...	7·4	—	47	0	32	53·6	—	47·6	—
Oxford §	7·1	+0·7	45	0	31	—	—	—	—
Cheadle ...	—	—	—	0	35	—	—	—	—
Tenbury ...	—	—	—	1	29	52·4	—	—	—
Malvern ...	6·0	—	38	0	34	53·1	—	48·6	—
Ross on Wye §	6·3	—	40	0	32	53·3	—	49·4	—
Clifton §	6·7	− 0·3	43	0	40	—	—	—	—
Westminster	6·8	+1·1	43	0	36	—	—	—	—
Greenwich ...	6·4	− 0·2	41	1	28	—	—	—	—
Hampstead ...	7·1	—	46	0	31	—	—	—	—
Camden Square	—	—	—	0	36	52·7	—	47·6	—
Richmond § (Kew Obs.)	6·7	+0·1	43	1	30	54·7	+0·2	49·6	− 0·5
Wisley §	7·2	+0·5	46	1	27	56·5	+2·1	49·4	− 0·9
Tunbridge W'ls§	7·4	+0·3	47	1	29	54·3	—	49·6	—
Margate §	9·1	+2·3	58	0	45	56·3	+1·9	51·5	+0·5
Folkestone §	8·7	—	56	0	40	—	—	48·4	—
St. Leonards §	8·1	+0·4	52	0	37	56·4	—	49·8	—
Worthing §	7·6	− 0·1	49	0	36	54·9	− 1·3	50·0	− 1·5
Ventnor §	7·1	+0·3	46	—	—	—	—	—	—
Southampton§	7·8	+0·7	50	0	34	—	—	—	—
Marlborough§	6·5	+0·4	42	1	30	52·7	—	48·8	—
Porton ...	7·2	—	47	1	28	52·1	—	—	—
Aspatria §	7·9	+1·5	49	0	35	48·1	− 3·2	45·2	− 2·2
Newton Rigg§	7·2	+0·6	45	1	29	—	—	—	—
Stonyhurst §	6·9	+0·6	43	0	37	—	—	—	—
Blackpool §	8·3	+0·8	52	0	38	53·3	—	47·2	—
Southport §	8·6	+1·3	54	0	36	56·0	+1·0	50·4	− 1·0
Whitworth Pk.	6·3	+1·0	40	—	—	—	—	—	—
Oldham Road	5·8	+0·4	37	0	41	50·3	− 2·0	47·0	− 2·1
Bidston ...	7·5	—	47	0	41	—	—	—	—
(Ches.)Hoylake§	8·0	+1·3	50	—	—	—	—	—	—
Llandudno §	8·8	+1·5	55	—	—	—	—	—	—
Holyhead ...	9·3	—	59	0	43	—	—	—	—
Aberystwyth§	7·3	+0·7	46	—	—	—	—	—	—
St. Ann's Hd.§	6·6	− 0·7	42	—	—	—	—	—	—
Rhayader §	6·3	—	40	1	24	—	—	—	—
Cardiff ...	6·6	—	42	0	34	53·3	− 1·4	49·1	− 0·9
Bath ... §	6·0	− 1·1	38	—	—	53·6	—	49·9	—
Shaftesbury...	—	—	—	—	—	—	—	48·1	—
Weymouth ...	7·1	—	46	—	—	—	—	—	—
Arlington ...	—	—	—	1	30	—	—	—	—
Cullompton §	5·5	− 1·2	35	1	29	53·7	—	—	—
Plymouth §	4·9	− 2·3	32	0	34	52·9	− 3·0	50·0	—
Newquay §	6·1	− 1·4	39	—	—	52·9	—	50·2	—
Falmouth §	5·3	− 2·5	34	0	35	55·2	—	52·6	—
Malin Head...	7·8	—	48	—	—	—	—	—	—
Mallarany ...	9·0	—	56	—	—	—	—	—	—
MarkreeC'stle§	—	—	—	0	31	52·1	− 1·7	47·6	− 1·5
Armagh §	8·3	+2·2	51	0	34	50·9	− 2·0	47·5	− 1·8
Trinity Coll.	—	—	—	0	38	52·2	− 1·1	48·8	− 1·5
Phœnix Park §	9·3	+2·4	59	0	31	—	—	—	—
Dublin City...	—	—	—	0	37	—	—	—	—
Birr Castle §	9·2	+3·1	58	2	29	—	—	—	—
Seskin ...	8·7	—	55	2	29	—	—	—	—
Cahirciveen (Valencia O.)§	8·6	+1·7	54	0	37	—	—	—	—
Ballinacurra §	8·5	+1·5	54	—	—	—	—	—	—
St. Mary's §	5·6	− 1·6	37	—	—	—	—	—	—
Grange §	6·6	− 1·4	43	0	41	55·9	− 0·4	51·7	− 1·0
St. Heliers §	5·3	− 2·4	34	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, May 17th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	—	0	68	74	25	1	250	23	10	17	11	32	14	14	1	0
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	10	5	28	121	14	0	120	28	13	10	7	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	21	113	34	0	180	15	7	15	15	27	12	13	16	30
Edinburgh Edinburgh ...	485	39	31	—	0	16	3	41	92	28	4	280	26	12	16	17	40	18	16	14	45
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	13	118	37	0	300	18	8	16	14	40	18	16	13	35
Dumfries Eskdalemuir ...	825	50	22	—	0	16	1	68	71	28	0	270	24	11	16	14	43	19	16	13	20
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	16	3	26	82	57	0	260	26	12	16	15	39	17	16	14	45
York, E.R. Spurn Head ...	67	41	‡	—	0	13, 16	9	62	89	8	0	270	32	14	16	13	42	19	16	13	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	48	91	29	0	230	22	10	16	11	26	12	16	10	45
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	56	82	30	0	170	23	10	13	11	30	13	13	11	40
Essex Shoeburyness...	103	90	‡	—	0	—	0	60	89	19	0	—	22	10	13	11	32	14	13	10	25
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	22	102	44	0	210	18	8	13	10	31	14	13	11	25
Kent Lympne ...	409	70	‡	—	0	11	16	69	83	0	0	220	25	11	11	22	33	15	11	11	30
Surrey Croydon ...	284	40	24	—	0	—	0	33	117	18	0	220	17	8	11	13	30	13	13	8	15
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	28	121	9	10	220	19	9	13	11	34	15	13	11	0
Hampshire S. Farnboro', (Pye'k Tr.)...	444	160	—	—	0	13	1	66	78	5	18	220	25	11	13	11	38	17	13	8	0
Wiltshire Larkhill, S'y (Plain...	513	63	43	—	0	—	0	64	(104)	(0)	0	200	24	11	13	5	32	14	13	5	5
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	16	5	56	80	27	0	250	31	14	16	11	42	19	16	11	15
Lancashire Southport ...	80	62	48	—	0	13, 16	14	44	101	9	0	260	32	14	16	10	42	19	16	9	15
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	16	2	95	63	6	2	250	25	11	16	8 / 9	37	17	16	8	5
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	13	1	45	96	26	0	—	25	11	13	4	31	14	12	0	50
Cornwall Pendennis Castle§...	256	65	24	—	0	12, 13	7	57	93	11	0	—	30	13	13	4	40	18	13	4	35
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	13, 16	6	66	69	10	17		43	14	13	10	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	15	2	61	83	22	0	—	25	11	15	23	41	18	15	14	25
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	77	82	9	0	210	22	10	14	12	36	16	14	11	40
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	58	95	15	0	—	24	11	14	14	40	18	15	10	0
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	11, 12	4	95	58	11	0	140	26	12	11	16	36	16	11	16	35

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	18	7	3·1	16	7	3·2	19	8	3·6	17	7	3·0	28	9	3·9	18	9	3·9	23	8	3·4	25	9	3·9
North	2	4	1·6	2	9	3·9	3	6	2·7	1	6	2·5	0	—	—	5	6	2·5	0	—	—	1	2	0·9
West	7	4	1·9	22	9	4·0	13	8	3·4	13	7	3·3	22	8	3·6	17	9	3·8	13	11	4·9	14	7	3·2
East	12	7	3·2	0	—	—	10	6	2·6	6	4	1·7	5	4	1·7	7	11	5·0	10	4	2·0	9	3	1·1
Calm (or wind-speed < 4 m.p.h.)	1	—	—	6	—	—	4	—	—	7	—	—	0	—	—	2	—	—	1	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director. 22nd May, 1924.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry, Ltd., The Grove, Southwark, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:—IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH; or through any Bookseller.

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TWENTY-FIRST WEEK.
SUNDAY, MAY 18TH TO SATURDAY, MAY 24TH, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-FIRST WEEK of 1924—May 18th to May 24th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	69	38	56·8	45·0	50·6	+1·7	60	+11	0	- 3	4	0	0·43	11	- 2	5·5	+0·1	32	1006
Eastern.																			
1. SCOTLAND, EAST ...	67	30	56·9	43·4	49·7	- 0·1	54	- 2	0	- 4	5	+ 1	0·57	14	+ 2	5·3	- 0·6	32	1007
2. ENGLAND, N.E. ...	70	38	59·6	46·9	52·9	+2·2	76	+14	0	- 1	6	+ 3	0·88	22	+10	4·5	- 1·7	28	1009
3. ENGLAND, EAST ...	74	44	64·6	51·3	57·6	+4·7	109	+32	0	- 1	6	+ 3	1·24	31	+20	4·8	- 2·0	30	1010
4. MIDLAND COUNTIES	72	40	62·1	48·8	55·1	+2·6	92	+17	0	- 2	7	+ 4	1·41	36	+23	3·2	- 2·6	20	1008
5. ENGLAND, S.E. ...	77	43	65·0	51·3	57·8	+3·9	111	+27	0	0	5	+ 2	1·02	26	+15	5·6	- 1·4	35	1009
Western.																			
6. SCOTLAND, WEST[1] ...	67	35	58·1	45·9	51·6	+0·3	67	+ 2	0	- 1	6	+ 3	0·76	19	+ 5	3·4	- 3·0	21	1006
7. ENGLAND, N.W.[2] ...	71	38	61·6	48·9	54·9	+2·9	90	+19	0	- 1	6	+ 3	1·11	28	+17	4·5	- 1·9	27	1006
8. ENGLAND, S.W.[3] ...	71	40	60·2	49·7	54·7	+1·7	89	+12	0	0	7	+ 4	1·46	37	+24	2·9	- 3·7	18	1007
9. IRELAND, NORTH ...	66	38	58·7	46·9	52.5	+1·1	73	+ 6	0	- 1	6	+ 2	0·96	24	+12	5·1	- 1·1	31	1002
10. IRELAND, SOUTH ...	69	37	59·4	48·5	53·7	+0·8	82	+ 5	0	0	6	+ 3	0·98	25	+12	4·3	- 2·2	27	1003
11. CHANNEL ISLANDS[4]	77	45	62·9	52.0	57·2	+3·0	106	+21	0	0	6	+ 3	0·83	21	+10	6·1	- 1·7	39	1008
MEAN: DISTRICTS 1-10	77	30	60·6	48·2	54·1	+2·0	84	+13	0	- 1	6	+ 3	1·04	26	+14	4·4	- 2·0	27	1007

THE SEASON (Spring).—Aggregates, &c., for the Period of 12 Weeks, March 2nd to May 24th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	69	12	48·1	36·2	41·9	- 1·2	240	- 57	250	+42	47	- 7	7·40	188	- 52	4·1	- 0·3	29	1009
Eastern.																			
1. SCOTLAND, EAST ...	67	2	48·1	34·7	41·1	- 2·3	235	-114	314	+85	46	- 3	5·69	144	- 9	4·1	- 0·6	29	1010
2. ENGLAND, N.E. ...	72	16	50·5	36·5	43·2	- 1·5	349	- 38	251	+89	38	- 5	4·68	118	- 4	4·6	- 0·5	33	1011
3. ENGLAND, EAST ...	78	20	52·8	38·5	45·3	- 0·6	479	- 2	198	+40	39	- 1	6·02	151	+34	5·3	- 0·1	39	1012
4. MIDLAND COUNTIES	73	19	52·7	36·6	44·3	- 1·4	444	- 48	251	+73	39	0	6·24	158	+28	4·4	- 0·4	32	1012
5. ENGLAND, S.E. ...	77	20	53·2	39·1	45·8	- 1·2	502	- 26	180	+68	41	+ 2	6·83	173	+48	5·6	+ 0·1	41	1012
Western.																			
6. SCOTLAND, WEST[1] ...	67	15	50·1	36·2	42·8	- 2·2	311	- 91	246	+98	41	- 7	7·38	186	- 29	4·5	- 0·5	33	1011
7. ENGLAND, N.W.[2] ...	71	21	50·8	38·5	44·3	- 1·3	381	- 46	185	+61	43	0	6·02	152	- 5	5·0	0·0	36	1011
8. ENGLAND, S.W.[3] ...	75	15	52·1	39·5	45·6	- 1·2	453	- 45	154	+58	43	+ 1	8·43	213	+37	5·2	- 0·2	38	1011
9. IRELAND, NORTH ...	69	18	50·8	38·2	44·2	- 1·5	358	- 69	173	+56	48	- 5	7·17	182	+ 4	5·0	+ 0·3	36	1009
10. IRELAND, SOUTH ...	69	21	52·7	39·8	46·0	- 1·2	464	- 57	131	+44	45	- 1	6·83	174	- 15	4·9	- 0·4	36	1010
11. CHANNEL ISLANDS[4]	77	30	53·1	43·8	48·3	- 0·6	563	- 43	38	+12	44	0	7·08	181	+38	6·2	- 0·1	45	1012
MEAN: DISTRICTS 1-10	78	2	51·4	37·8	44·3	- 1·4	398	- 54	208	+67	42	- 2	6·53	165	+ 9	4·9	- 0·2	35	1011

THE YEAR. Aggregates, &c., for the Period of 21 Weeks, December 30th, 1923, to May 24th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	69	12	46·1	36·1	41·0	+0·1	298	- 53	444	- 70	91	- 9	15·85	403	-112	2·8	- 0·3	24	1009
Eastern																			
1. SCOTLAND, EAST ...	67	2	45·7	34·3	39·8	- 1·0	283	-123	602	+20	85	0	9·64	245	- 35	3·0	- 0·6	26	1011
2. ENGLAND, N.E. ...	72	16	47·0	35·5	41·2	- 0·9	394	- 63	516	+66	68	- 9	7·85	199	- 12	3·3	- 0·5	28	1013
3. ENGLAND, EAST ...	78	18	48·3	36·6	42·3	- 0·4	520	- 42	476	+ 9	72	- 3	9·75	246	+40	3·8	- 0·2	32	1014
4. MIDLAND COUNTIES	73	15	48·7	35·4	41·9	- 0·7	501	- 79	516	+22	72	- 2	10·28	260	+24	3·2	- 0·4	27	1013
5. ENGLAND, S.E. ...	77	17	49·2	37·5	43·2	- 0·7	576	- 56	398	+41	71	- 2	10·44	266	+27	4·1	0·0	35	1014
Western																			
6. SCOTLAND, WEST[1] ...	67	15	47·6	35·8	41·6	- 1·0	386	- 93	453	+63	83	- 7	14·65	370	- 70	3·2	- 0·4	27	1012
7. ENGLAND, N.W.[2] ...	71	21	47·9	37·5	42·6	- 0·4	452	- 59	366	+ 6	79	- 1	10·49	265	- 40	3·6	- 0·1	31	1012
8. ENGLAND, S.W.[3] ...	75	14	49·2	38·4	43·7	- 0·6	557	- 69	309	+25	78	- 2	14·83	375	+22	3·9	- 0·1	33	1013
9. IRELAND, NORTH ...	69	18	48·9	38·1	43·4	- 0·2	491	- 48	287	- 26	93	- 4	13·13	334	- 16	3·5	0·0	30	1011
10. IRELAND, SOUTH ...	69	21	50·5	39·3	44·8	- 0·3	636	- 52	226	- 16	85	- 2	14·53	368	- 13	3·5	- 0·4	30	1012
11. CHANNEL ISLANDS[4]	77	30	50·9	42·7	46·7	- 0·2	781	- 36	88	- 12	83	- 3	13·08	334	+41	4·5	- 0·3	38	1014
MEAN: DISTRICTS 1-10	78	2	48·3	36·8	42·5	- 0·6	480	- 68	415	+21	79	- 3	11·56	293	- 7	3·5	- 0·3	30	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Very Unusual	Unusual	Unusual	Moderate	Unusual	Unusual	Moderate	Moderate	Unusual
	Rainfall ..	Moderate	Moderate	Heavy	Very Heavy	Very Heavy	Heavy	Moderate	Heavy	Very Heavy	Heavy	Heavy	Heavy
	Sunshine ..	Moderate	Moderate	Scanty	Scanty	Scanty	Scanty	Scanty	Scanty	Very Scanty	Scanty	Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 12 weeks from March 2nd, 1924	Warmth ..	1, 7, 4	0, 4, 8	3, 4, 5	3, 5, 4	3, 4, 5	2, 5, 5	1, 5, 6	2, 4, 6	2, 6, 4	1, 6, 5	2, 5, 5	2, 6, 4
	Rainfall ..	5, 2, 5	3, 6, 3	3, 4, 5	4, 5, 3	3, 7, 2	6, 4, 2	4, 5, 3	3, 7, 2	5, 5, 2	5, 1, 6	4, 3, 5	4, 6, 2
	Sunshine ..	1, 9, 2	2, 6, 4	2, 5, 5	5, 2, 5	4, 2, 6	4, 4, 4	4, 3, 5	7, 0, 5	5, 4, 3	6, 2, 4	5, 3, 4	4, 3, 5

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week over the British Isles generally was of a very unsettled character. Rain was measured on several days and in a few places showers of hail occurred. Among the largest amounts of rain recorded were 24mm. at Felixstowe and 20mm. at Rounton (N. Riding) on the 18th, 30mm. at Geldeston (near Beccles) and 21mm. at Rhayader (Radnor) on the 19th, 23mm. at Oundle (Northampton) and 25mm. at Malvern on the 20th and 31mm. at Mallarany (Mayo) and 24mm. at Cardiff on the 23rd. The total amount for the week was above the normal in all Districts with the exception of Scotland N. where it was slightly below normal. There were some fairly good records of sunshine in places, on various days, but the total amount for the week was below the normal in practically all parts of the country. The highest temperatures occurred during the first half of the week in most places, and at a few stations, notably in the south-eastern parts of England, maximum temperatures of 75°F. and above were registered, the highest reading being 79°F. at Southend on the 19th. Screen minima of 30°F. occurred at Eskdalemuir and West Linton (Peebles) on the 18th and at the latter station, on the same date, the lowest of the grass temperatures, 24°F., was recorded. The mean temperature for the week over the country, as a whole, was in excess of the normal. Thunderstorms occurred in many parts of our Islands and in places they were decidedly heavy. On the evening of the 20th thunderstorms with torrential rain broke over parts of Bedfordshire, Hertfordshire and Buckinghamshire, and in places there was considerable flooding and damage to crops. Solar halos were observed at Aberdeen on the 18th and 24th, at Clacton on the 22nd and at Oxford on the 20th and 21st. A double rainbow was seen at Guernsey at 19h. 30m. on the 23rd. The Zodiacal Light was observed at Gorleston on the 24th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	*t*	60	23rd	42	20th	50·4	44·4	47·2	+1·5	5	0·88	22	+12
Orkneys	Deerness	160	*p*	58	23rd	42	18th	53·3	44·0	48·4	+1·6	3	0·14	4	- 5
Hebrides	Stornoway ¶	51	*t*	61	22nd	38	19th	56·3	44·9	50·3	+2·2	4	0·28	7	- 5
	Castlebay	37	*t*	59	19th	46	18, 19, 24	52·9	47·9	50·3	—	5	0·40	10	—
Caithness	Wick ... ¶	81	*t*	56	23rd	42	24th	50·1	44·9	47·3	- 0·3	4	0·15	4	- 6
Ross and Cromarty	Strathpeffer ¶	125	*a*	66	22nd	39	19, 24	59·9	43·9	51·4	+1·6	4	0·18	5	- 4
	Achnashellach ¶	225	*h*	66	22nd	40	24th	59·9	45·9	52·5	—	4	0·43	11	—
Inverness	Inverness	242	*h*	66	22nd	40	20, 21, 24	58·3	43·6	50·5	—	4	0·20	5	—
	Fort Augustus ¶	68	*a*	69	18th	39	24th	62·0	44·9	52·9	+3·6	1	0·19	5	- 6
	Onich ... ¶	48	*h*	65	19th	42	18th	59·3	46·3	52·4	—	5	0·91	23	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	64	23rd	39	24th	59·7	44·0	51·4	+1·6	4	0·17	4	- 6
Elgin	Gordon Castle ¶	101	*p*	67	22nd	39	19th	60·0	45·1	52·1	+2·0	2	0·05	1	- 10
Aberdeen	Aberdeen ... ¶	46	*t*	61	22, 23	42	18th	55·1	44·6	49·5	—	4	0·51	13	+ 1
	Balmoral ... ¶	930	*a*	61	18, 22	34	18, 24	55·0	39·9	47·3	- 0·2	5	0·22	6	- 6
Perth	Crieff ... ¶	478	*p*	63	18th	40	18, 20, 24	55·6	42·6	48·7	- 2·4	7	1·47	37	+23
Forfar	Dundee	147	*a*	63	22nd	42	18th	56·3	45·4	50·5	—	6	0·81	21	—
Fife	Inchkeith ... ¶	190	*t*	60	22nd	43	18, 20	54·3	45·1	49·4	—	6	0·85	22	—
Midlothian	Edinburgh ...	441	*p*	61	22nd	43	18, 24	55·7	45·1	50·1	+0·5	6	0·83	21	+11
Peebles	West Linton ¶	770	*a*	62	21st	30	18th	58·3	42·3	49·8	+2·1	7	0·69	18	—
Berwick	Marchmont ¶	498	*a*	—	—	—	—	—	—	—	—	—	—	—	—
6*a*. SCOTLAND, W.															
Argyle	Ford ... ¶	149	*a*	60	18, 19	38	19th	57·0	45·1	50·7	—	6	0·74	19	—
Renfrew	Renfrew ... ¶	36	*t*	65	18th	35	18th	58·7	44·7	51·3	—	6	0·72	18	—
Bute	Rothesay ... ¶	200	*p*	60	18th	43	20th	55·3	45·9	50·3	- 1·2	6	0·86	22	+ 7
Ayr	Kilmarnock ¶	90	*a*	65	18th	39	18th	61·1	46·6	53·4	+2·5	6	0·61	15	+ 4
	Colmonell... ¶	170	*a*	64	19th	41	18, 19	59·3	45·7	52·1	+1·2	6	0·54	14	+ 1
Dumfries	Dumfries ... ¶	140	*p*	67	18th	39	18th	59·0	46·4	52·3	+0·3	6	0·69	17	+ 4
	Eskdalemuir ...	794	*t*	66	18th	30	18th	57·0	42·9	49·5	—	7	1·11	28	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	3·9	—	22	—	—	—	—	—	—
Deerness §	5·4	- 0·3	31	—	—	—	—	—	—
Stornoway §	6·4	+0·2	38	—	—	—	—	—	—
Castlebay ...	3·8	—	23	—	—	—	—	—	—
Achnashellach	—	—	—	0	32	—	—	—	—
Inverness §	4·8	—	28	0	33	—	—	—	—
Onich ...	4·0	—	24	0	36	—	—	—	—
Nairn §	5·0	—	29	—	—	—	—	—	—
Gordon Castle	6·1	—	36	—	—	—	—	—	—
Aberdeen §	5·8	- 0·4	34	1	30	—	—	45·6	- 1·3
Balmoral ...	—	—	—	2	29	—	—	—	—
(Kinc).Crathes §	6·3	+0·5	37	0	33	49·4	—	44·5	—
Dundee §	4·1	—	25	0	38	49·9	—	—	—
Inchkeith ...	6·1	—	36	—	—	—	—	—	—
Edinburgh §	5·5	- 0·3	33	0	36	—	—	—	—
West Linton...	—	—	—	1	24	—	—	—	—
Marchmont §	—	—	—	—	—	—	—	—	—
Ford ...	—	—	—	0	33	52·3	—	46·7	—
Renfrew ...	3·6	—	22	1	27	—	—	—	—
Rothesay §	2·8	- 3·4	17	0	37	52·4	—	47·7	- 1·4
Kilmarnock ...	4·1	—	25	—	—	52·3	—	47·5	—
Colmonell ...	—	—	—	0	36	—	—	—	—
Dumfries ...	3·1	—	19	0	33	52·6	- 2·1	48·2	- 2·3
Eskdalemuir §	3·1	- 2·6	19	1	28	—	—	—	—

t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	62	18th	40	18th	56·0	47·1	51·3	0·0	6	1·17	30	+18
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	66	22nd	38	18th	57·7	42·7	49·8	+1·4	6	0·86	22	+7
	Tynemouth ¶	118	t	65	22nd	45	18, 20, 21	55·7	46·6	50·9	+1·4	7	0·99	25	+13
Durham	Durham ... ¶	336	p	66	18th	40	18, 24	58·3	45·0	51·3	+1·3	6	0·98	25	+13
York,	Rounton ... ¶	249	p	68	18th	39	24th	61·1	47·3	53·8	+4·1	7	1·40	36	+23
N. Riding	West Witton ...	605	a	67	18th	41	18th	58·9	46·4	52·3	—	7	1·54	39	—
	Scarborough ¶	118	h	69	22nd	44	24th	58·9	47·0	52·6	+2·0	6	1·16	29	+17
	York ... ¶	56	p	69	18th	45	24th	62·3	48·6	55·0	+2·6	6	0·83	21	+9
E. Riding	Spurn Head ¶	26	t	67	22nd	44	24th	56·4	47·4	51·6	+0·6	6	0·35	9	0
Lincoln	Lincoln ... ¶	58	a	70	18, 21	43	24th	63·7	49·4	56·1	+3·0	6	0·68	17	+5
	Cranwell ... ¶	236	t	69	21st	41	24th	62·3	48·3	54·9	+2·3	6	0·67	17	+5
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	72	21st	45	24th	63·3	48·7	55·6	+3·6	5	0·54	14	+6
	Yarmouth ... ¶	13	t	69	19th	49	18, 21, 24	61·6	50·4	55·7	+3·8	7	1·67	42	+32
	Norwich ... ¶	93	a	73	21st	47	24th	66·1	51·3	58·3	+5·0	6	1·42	36	+25
	Geldeston ... ¶	37	a	71	19, 21	48	24th	65·9	51·3	58·2	+5·6	5	1·81	46	+36
Cambridge	Cambridge ¶	41	p	73	21st	45	24th	66·4	51·1	58·3	+4·5	5	1·18	30	+19
Hertford	Rothamsted ¶	420	a	71	21st	44	24th	64·6	50·7	57·2	+4·4	7	1·22	31	+19
Middlesex	Tottenham ¶	51	p	74	21st	49	24th	67·9	53·7	60·4	—	5	0·85	22	—
Essex	Clacton-on-Sea ¶	55	t	67	19th	50	24th	61·3	53·1	57·0	+4·3	6	1·22	31	+23
	Southend ... ¶	90	h	79	19th	49	24th	66·4	54·1	59·9	—	5	0·51	13	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	h	67	18th	40	24th	59·7	45·3	52·1	+1·7	7	1·64	42	+28
W. Riding	Sheffield ... ¶	429	p	68	18th	43	24th	60·9	48·4	54·3	—	6	1·06	27	+13
Derby	Buxton ... ¶	987	p	64	18th	40	18th	59·0	46·9	52·6	+3·1	6	1·18	30	−11
Nottingham	Worksop(Hods'ck)¶	56	a	71	18th	42	18th	63·4	48·6	55·6	+3·2	6	0·50	13	+1
	Nottingham ¶	192	a	68	21st	42	24th	62·1	49·9	55·6	+3·2	7	0·93	24	+13
Warwick	Birmingham (Edg)¶	525	t	65	20th	43	24th	60·6	49·3	54·6	+1·8	7	1·55	39	+26
Northampton	Oundle ... ¶	147	a	70	21st	44	24th	63·0	50·0	56·1	—	6	2·00	51	—
Oxford	Oxford ... ¶	208	p	72	18th	44	24th	65·6	50·3	57·5	+3·7	6	1·72	44	+32
Stafford	Cheadle ... ¶	646	a	65	18th	41	24th	60·9	46·9	53·5	+2·1	6	0·98	25	+11
Worcester	Tenbury ... ¶	313	p	66	20th	41	18th	62·0	48·3	54·7	+2·4	7	1·30	33	+22
	Malvern ... ¶	377	h	68	20th	43	24th	62·0	50·4	55·9	—	7	2·40	61	—
Hereford	Hereford ... ¶	291	a	65	20th	40	24th	59·7	48·9	54·0	+0·7	7	1·67	42	+29
Gloucester	Clifton ... ¶	225	a	68	19, 20	40	24th	64·1	50·9	57·1	+2·0	6	1·83	47	+34
5. ENGLAND, S.E.															
London	Westminster ...	27	a	75	19th	49	24th	68·9	54·4	61·2	+6·0	5	0·61	15	+5
	Greenwich ‡ ...	149	a	79	19th	47	24th	69·3	52·1	60·2	+5·2	5	0·71	18	+7
	Hampstead ...	450	a	73	21st	40	24th	66·0	52·1	58·6	—	6	0·93	24	—
	Camden Square ...	110	a	76	21st	48	24th	69·0	53·6	60·8	+4·6	5	0·79	20	+9
Surrey	Richmond (KewO)¶	18	t	75	19th	47	24th	68·2	52·9	60·1	+5·6	5	0·62	16	+5
	Wisley ... ¶	150	a	75	19th	46	24th	67·9	51·4	59·2	+5·5	4	0·75	19	+9
Kent	Tunbridge Wells¶	354	h	75	19th	46	24th	67·4	51·9	59·2	+5·8	5	1·18	30	+20
	Margate ... ¶	51	h	77	19th	49	24th	64·7	53·1	58·6	+4·8	5	0·79	20	+10
	Dungeness ¶	21	t	66	19th	48	24th	60·6	50·7	55·4	+2·2	6	0·67	17	+9
Sussex	St. Leonards ¶	178	h	71	18th	48	24th	64·1	52·3	57·9	+4·1	6	1·56	40	+30
	Worthing ... ¶	36	h	72	18th	46	24th	63·8	52·4	57·8	—	4	0·65	17	—
I. of Wight	Ventnor ... ¶	59	a	68	18th	48	24th	63·0	51·1	56·7	+2·1	4	0·57	15	+4
Hampshire	Southampton ¶	64	p	73	18th	46	24th	65·4	51·7	58·1	+2·6	6	0·95	24	+12
Wiltshire	Marlborough ¶	424	a	71	18th	45	24th	64·1	49·7	56·5	+4·2	7	1·95	49	+36
	Porton ¶	363	a	71	20th	43	24th	64·3	48·4	55·9	—	7	1·12	28	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	65	18th	38	18th	60·3	45·9	52·7	+1·6	6	0·61	16	+4
	Newton Rigg ¶	559	p	66	18th	—	—	59·4	—	—	—	7	0·99	25	+13
Lancashire	Stonyhurst ¶	377	a	67	18th	43	18, 24	61·1	47·7	54·0	+2·4	6	1·07	43	+29
	Blackpool ¶	66	h	68	18th	42	18th	62·0	49·1	55·2	+3·4	7	1·38	35	+24
	Southport ¶	37	h	71	18th	42	18th	63·2	49·2	55·8	+3·5	6	1·67	42	+32
Manchester	Whitworth Pk. ¶	125	p	70	18th	44	24th	62·6	50·1	56·0	+2·3	6	1·00	25	+14
Cheshire	Liverp'l (Bidston) ¶	189	a	69	18th	44	24th	63·1	50·0	56·2	+3·3	7	1·16	29	+19
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	67	18th	43	18th	63·6	50·3	56·6	+3·2	5	0·78	20	+11
Carnarvon	Llandudno ¶	22	h	66	20, 21	45	18, 24	61·7	49·4	55·2	+2·3	7	1·10	28	+18
Anglesey	Holyhead ¶	26	t	64	20th	44	18th	57·7	49·1	53·1	+1·3	6	1·17	30	+20
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	66	20th	45	18th	61·7	50·6	55·8	—	7	1·02	26	—
Pembroke	St. Ann's Hd. ¶	150	t	59	18, 20	47	18th	55·7	48·9	52·1	+0·3	7	0·56	14	+3
Radnor	Rhayader ¶	757	a	63	20th	40	18th	59·4	47·6	53·2	—	7	2·14	54	—
Glamorgan	Cardiff ... ¶	202	p	67	19th	46	24th	62·4	50·4	56·0	+2·7	7	1·86	47	+33
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	71	18th	44	24th	65·6	52·3	58·6	+4·8	6	1·62	41	+30
Dorset	Shaftesbury ¶	722	a	66	20th	43	24th	59·4	47·7	53·2	+0·9	7	1·47	37	+25
	Portland Bill ¶	19	t	62	18th	48	24th	56·4	50·3	53·2	+0·2	7	1·23	31	+23
Devon	Arlington ¶	613	a	68	18, 19	44	24th	61·7	49·3	55·1	+3·3	7	1·43	36	+19
	Cullompton ¶	202	a	70	19th	44	24th	63·9	49·1	56·1	+2·4	7	1·78	45	+33
	Plymouth ¶	116	p	65	18th	47	24th	59·7	50·4	54·8	+0·5	5	1·31	33	+21
Cornwall	Newquay ... ¶	190	h	64	18th	45	24th	58·9	49·7	54·0	+0·9	5	1·02	26	+16
	Falmouth ¶	167	h	61	22nd	47	24th	58·0	50·9	54·2	+0·8	6	1·22	31	+18
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	63	22nd	43	18th	58·0	46·7	52·0	+1·4	6	0·70	18	+8
Mayo	Blacksod Point ¶	10	t	63	21st	46	24th	56·1	49·0	52·3	+0·4	6	0·91	23	+9
	Mallaranny ...	120	a	65	21st	45	18, 19, 24	59·6	48·3	53·6	—	6	1·65	42	—
Sligo	Markree Castle ¶	122	p	65	19, 21	38	18th	61·7	45·9	53·3	+2·2	7	1·35	34	+20
Armagh	Armagh ... ¶	204	p	64	18, 22	41	18th	60·0	46·4	52·8	+1·3	5	0·73	19	+7
Down	Donaghadee ¶	35	t	58	22nd	41	18th	55·3	46·4	50·6	−0·5	6	0·99	25	+14
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	63	22nd	41	18th	59·3	48·4	53·5	−0·	4	0·40	10	−1
King'sCounty	Birr Castle ¶	175	t	66	18th	40	18th	61·3	46·9	53·7	+1·6	6	1·08	27	+15
Kilkenny	Kilkenny ¶	182	a	65	18th	37	18th	60·9	47·0	53·5	+1·0	6	0·65	17	+5
Waterford	Waterford ¶	137	a	66	18th	42	18th	58·6	48·6	53·3	+0·4	7	0·81	21	+
	Seskin, Carrick-on-Suir	542	p	65	18th	39	18, 19	57·3	45·1	50·8	—	6	0·81	21	—
Limerick	Foynes ... ¶	50	a	66	21st	42	18th	61·1	48·0	54·2	+1·0	7	0·63	16	+3
Kerry	Cahirciveen ¶	30	t	61	21st	48	18, 23	58·1	50·4	54·0	+0·9	7	1·31	33	+16
	Killarney ¶	174	a	69	18th	44	18th	60·8	50·5	55·3	+2·2	7	1·21	31	+15
Cork	Roche's Point ¶	32	t	58	18th	43	18th	55·3	48·6	51·8	−1·1	7	1·76	45	+32
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	59	18, 22	45	24th	57·4	49·7	53·3	−0·1	5	0·76	19	+9
Guernsey	Grange ... ¶	173	p	72	18th	48	24th	65·4	52·0	58·3	+3·5	7	0·89	23	+12
Jersey	St. Heliers ¶	28	h	77	18th	49	24th	66·0	54·4	59·9	+4·9	5	0·84	21	+9

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·4	−3·1	27	0	34	—	—	—	—
Cockle Park §	5·9	−0·1	36	2	28	50·6	−1·6	47·9	−0·7
Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham §	4·4	−1·1	27	0	33	—	—	—	—
Rounton ...	—	—	—	1	25	52·7	—	—	—
West Witton	—	—	—	0	36	51·3	—	44·8	—
Scarborough †§	4·6	−1·6	28	0	40	—	—	50·4	—
York §	3·3	−2·3	20	—	—	52·1	−1·3	47·6	−1·9
Spurn Head...	4·4	—	27	—	—	—	—	—	—
Lincoln ...	—	—	—	0	41	55·6	+0·4	49·1	−0·9
Cranwell §	4·3	−2·3	27	0	36	—	—	—	—
Skegness §	4·5	−2·4	28	—	—	—	—	—	—
Cromer §	3·8	−2·9	24	—	—	—	—	—	—
Yarmouth §	5.3	—	33	0	45	58·7	+1·5	53·4	+0·4
Norwich ...	4·1	—	26	0	44	58·9	—	—	—
Geldeston §	4·5	−2·5	28	—	—	—	—	—	—
Cambridge §	4·1	−2·6	25	0	41	57·8	+0·9	51·7	−0·7
Rothamsted §	4·9	−1·7	30	0	40	55·6	—	—	—
Tottenham §	4·7	—	30	—	—	—	—	—	—
Clacton-on-Sea§	6·3	−1·3	39	0	46	58·1	+2·1	52·7	−0·1
Southend ...	6·8	—	43	0	48	59·3	—	—	—
Harrogate §	3·8	−2·0	23	0	33	50·4	−1·1	47·6	−1·7
Sheffield §	3·3	−2·1	21	0	38	52·8	−0·2	47·3	−0·5
Buxton ...	2·1	—	13	0	41	52·3	−0·7	45·5	−1·6
Worksop §	3·0	−2·3	19	0	35	54·9	—	49·8	—
Nottingham §	2·8	−2·9	17	0	40	54·0	−1·7	49·0	−1·2
Birmingham §	2·3	−2·5	15	0	38	51·1	−0·2	46·3	−1·2
Oundle ...	3·0	—	19	0	39	56·3	—	49·5	—
Oxford §	4·1	−2·1	26	0	37	—	—	—	—
Cheadle ...	—	—	—	0	39	—	—	—	—
Tenbury ...	—	—	—	0	36	54·7	—	—	—
Malvern ...	1·6	—	10	0	37	56·2	—	50·7	—
Ross on Wye§	2·6	—	17	0	42	56·4	—	51·5	—
Clifton §	3·6	−3·1	22	0	43	—	—	—	—
Westminster	4·6	−1·1	29	0	46	—	—	—	—
Greenwich ...	4·6	−1·9	29	0	39	—	—	—	—
Hampstead ...	5·2	—	33	0	43	—	—	—	—
Camden Square	—	—	—	0	45	56·8	—	49·4	—
Richmond § (Kew Obs.)	4·4	−2·1	28	0	43	58·3	+1·8	51·6	+0·2
Wisley §	5·6	−1·1	35	0	41	59·7	+3·4	51·7	−0·1
Tunbridge W'ls§	6·4	−0·5	40	0	41	58·8	—	51·9	—
Margate §	7·6	+1·0	48	0	46	60·8	+4·2	54·6	+1·9
Folkestone §	6·4	—	40	0	44	—	—	50·2	—
St. Leonards §	6·5	−1·1	41	0	48	61·3	—	51·9	—
Worthing §	6·1	−1·5	38	0	47	58·9	+0·3	51·9	−1·0
Ventnor §	5·0	−2·3	31	—	—	—	—	—	—
Southampton§	4·3	−2·7	27	0	45	—	—	—	—
Marlborough§	3·6	−2·4	23	0	43	57·4	—	50·6	—
Porton ...	3·6	—	23	0	41	56·0	—	—	—
Aspatria §	5·8	−0·6	35	0	34	51·1	−2·3	46·6	−2·0
Newton Rigg§	4·0	−2·4	24	0	32	—	—	—	—
Stonyhurst §	3·7	−2·5	22	0	39	—	—	—	—
Blackpool §	5·5	−1·7	34	0	35	55·1	—	49·0	—
Southport §	5·0	−2·1	31	0	36	57·5	+0·3	53·1	0·0
Whitworth Pk.	3·9	−1·2	24	—	—	—	—	—	—
Oldham Road	3·1	−2·2	19	0	47	54·1	−0·6	48·7	−2·1
Bidston ...	5·0	—	31	0	40	—	—	—	—
(Ches.)Hoylake§	4·6	−1·9	28	—	—	—	—	—	—
Llandudno §	4·9	−2·2	30	—	—	—	—	—	—
Holyhead ...	5·0	—	31	0	34	—	—	—	—
Aberystwyth§	3·2	−3·2	20	—	—	—	—	—	—
St. Ann's Hd.§	2·2	−4·8	14	—	—	—	—	—	—
Rhayader §	2·1	—	13	1	30	—	—	—	—
Cardiff ...	2·6	—	16	0	42	55·6	−1·2	50·3	−1·1
Bath ... §	4·4	−2·4	28	—	—	57·3	—	51·7	—
Shaftesbury...	—	—	—	—	—	—	—	49·9	—
Weymouth ...	3·0	—	19	—	—	—	—	—	—
Arlington ...	—	—	—	0	40				
Cullompton §	2·1	−4·3	14	0	37	56·4	—	—	—
Plymouth §	2·5	−4·5	16	0	45	55·0	−2·7	51·1	—
Newquay §	3·8	−3·4	24	—	—	54·4	—	51·2	—
Falmouth §	3·1	−4·3	19	0	46	56·8	—	53·9	—
Malin Head...	4·9	—	30	—	—	—	—	—	—
Mallaranny ...	4·2	—	26	—	—	—	—	—	—
MarkreeC'stle§	4·8	−1·4	29	0	31	54·1	−1·5	48·8	−1·4
Armagh §	5·4	−0·7	33	0	31	53·2	−1·4	49·0	−1·5
Trinity Coll.	—	—	—	0	36	53·9	−1·2	50·3	−1·2
Phœnix Park §	3·4	−3·2	21	1	29	—	—	—	—
Dublin City ...	—	—	—	0	34	—	—	—	—
Birr Castle §	5·4	−0·6	33	1	30	—	—	—	—
Seskin ...	3·5	—	22	0	31	—	—	—	—
Cahirciveen (Valencia O.)§	4·8	−1·8	30	0	40	—	—	—	—
Ballinacurra §	3·7	−3·1	23	—	—	—	—	—	—
St. Mary's §	4·9	−2·5	31	—	—	—	—	—	—
Grange §	7·7	−0·3	49	0	47	59·9	+1·6	53·6	−0·5
St. Heliers §	5·6	−2·2	36	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, May 24th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																				
Shetlands Lerwick ...	310	42	‡	—	0	21	2	90	50	26	0	140	25	11	21 16	37	17	21	16	40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	21	6	63	87	12	0	130	29	13	21 9	—	—	—	—	—
1. SCOTLAND, E.																				
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	29	118	21	0	170	17	7	24 15	29	13	23	13	0
Edinburgh Edinburgh ...	485	39	31	—	0	22	4	41	82	41	0	200	27	12	22 21	39	17	22	20	50
6a. SCOTLAND, W.																				
Renfrew Paisley ...	188	81	15	—	0	—	0	45	96	27	0	180	21	9	22 18	40	18	19	16	50
Dumfries Eskdalemuir ...	825	50	22	—	0	22	5	78	62	23	0	200	29	13	22 18	44	20	22	18	0
2. ENGLAND, N.E.																				
Durham South Shields...	72	61	12	—	0	—	0	25	120	23	0	130	19	9	18 20	31	14	23	14	30
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	79	87	2	0	200	24	11	23 15	39	17	23	15	40
Lincoln Cranwell ...	280	43	31	—	0	23	3	35	(100)	(30)	0	190	26	12	23 15	31	14	23	15	55
3. ENGLAND, E.																				
Norfolk Gorleston ...	52	42	‡	—	0	24	1	60	81	26	0	200	25	11	24 14	40	18	24	14	0
Essex Shoeburyness...	103	90	‡	—	0	23, 24	11	66	68	23	0	—	38	17	24 13	55	25	24	13	20
5. ENGLAND, S.E.																				
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	46	84	38	0	200	23	10	23 16	38	17	23	15	40
Kent Lympne ...	409	70	‡	24	1	24	7	50	101	9	0	200	39	17	24 13	61	27	24	12	15
Surrey Croydon ...	284	40	24	—	0	—	0	45	110	13	0	210	24	11	24 11	42	19	24	13	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	37	106	14	11	250	22	10	24 13	38	17	24	13	0
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	22 to 24	9	73	76	9	1	—	30	13	23 15	45	20	23	14	50
Wiltshire Larkhill, S'y (Plain...	513	63	43	—	0	23	4	67	(97)	(0)	0	190	28	13	23 14	42	19	23	13	30
7a ENGLAND, N.W.																				
Lancashire Fleetwood ...	112	50	12	—	0	—	0	77	89	2	0	170	20		23 14	46	21	23	14	5
Lancashire Southport ...	80	62	48	—	0	—	0	75	93	0	0	220	23	10	23 7	36	16	23	7	5
7b. NORTH WALES.																				
Anglesey Holyhead ...	64	45	‡	—	0	23	2	95	58	13	0	210	25	11	23 {18 19	38	17	22	13	2
8b. ENGLAND, S.W.																				
Devon Plymouth ...	185	88	2	—	0	21, 23	6	102	49	11	0	—	32	14	23 11	39	17	23	11	15
Cornwall Pendennis Castle§...	256	65	24	—	0	23, 24	11	88	48	10	11	190	32	14	23 10	41	18	23	10	25
10. IRELAND, S.																				
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	69	82	17	0	250	32	11	24 24	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	20, 22, 23	16	108	43	1	0	—	30	13	23 16	40	18	23	15	5
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	22, 23	5	105	51	7	0	210	27	12	23 16	42	19	23	9	45
Cork Weaver Pt. ...	160	30	‡	—	0	23	7	83	72	6	0	—	29	13	23 13	45	20	23	12	45
11a. SCILLY ISLES.																				
Scilly St. Mary's ...	150	32	‡	—	0	21, 23, 24	5	122	40	1	0	200	29	13	23 9	51	23	23	9	5

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week e ds at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	20	8	3·4	15	12	5·3	20	10	4·3	17	9	3·8	22	11	5·1	21	11	5·1	22	10	4·6	22	12	5·3
North	2	7	3·2	6	3	1·4	3	8	3·4	5	3	1·5	3	7	3·0	2	2	1·1	2	4	2·0	4	3	1·1
West	7	5	2·3	13	6	2·9	10	7	3·0	10	7	3·3	15	5	2·4	10	11	4·8	7	8	3·5	11	8	3·6
East	17	10	4·6	10	6	2·6	9	6	2·7	9	6	2·8	9	6	2·5	14	7	3·1	16	5	2·1	15	7	3·2
Calm (or wind-speed < 4 m.p.h.)	2	—	—	4	—	—	4	—	—	6	—	—	2	—	—	0	—	—	3	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director. 29th May, 1924.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry, Ltd., The Grove, Southwark, S.E.1.

VI C 3

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 22.

TWENTY-SECOND WEEK.
SUNDAY, MAY 25TH TO SATURDAY, MAY 31ST, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-SECOND WEEK of 1924—May 25th to May 31st, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	71	38	54·0	43·9	48·6	− 1·9	46	− 13	0	− 1	4	0	1·10	28	+13	2·8	− 2·7	16	1010
Eastern.																			
1. SCOTLAND, EAST ...	66	36	55·1	44·1	49·3	− 2·3	51	− 16	0	− 1	6	+ 3	0·77	20	+ 7	2·7	− 3·8	16	1010
2. ENGLAND, N.E. ...	73	40	61·5	47·9	54·3	+1·2	86	+ 8	0	0	3	0	1·75	44	+33	4·5	− 1·8	27	1011
3. ENGLAND, EAST ...	74	43	65·7	49·4	57·0	+1·9	105	+13	0	0	3	0	0·73	19	+ 9	7·7	+0·5	48	1012
4. MIDLAND COUNTIES	75	41	65·4	48·5	56·4	+1·7	101	+11	0	0	4	+ 1	1·54	39	+27	4·9	− 1·5	30	1011
5. ENGLAND, S.E. ...	75	39	65·3	49·7	57·0	+1·2	105	+ 8	0	0	3	0	1·20	30	+20	8·4	+1·0	52	1012
Western.																			
6. SCOTLAND, WEST[1] ...	72	39	58·5	47·2	52·5	− 0·4	73	− 3	0	0	5	+ 1	0·99	25	+ 8	3·6	− 2·9	22	1009
7. ENGLAND, N.W.[2] ...	74	44	62·3	50·3	55·9	+2·0	97	+14	0	0	5	+ 2	1·88	48	+34	4·5	− 2·2	27	1010
8. ENGLAND, S.W.[3] ...	72	42	62·2	49·7	55.6	+0·8	95	+ 5	0	0	3	0	0·72	18	+ 7	5·2	− 1·7	32	1011
9. IRELAND, NORTH ...	72	41	59·7	48·3	53·7	+0·8	82	+ 5	0	0	5	+ 1	1·31	33	+18	5·0	− 1·1	30	1008
10. IRELAND, SOUTH ...	72	44	62·7	50·4	56·2	+1·8	99	+12	0	0	5	+ 2	0·49	12	− 3	4·4	− 2·0	27	1009
11. CHANNEL ISLANDS[4]	72	49	62·2	51·8	56·7	+0·8	103	+ 6	0	0	3	0	0·67	17	+ 5	7·7	− 0·4	49	1011
MEAN: DISTRICTS 1-10	75	36	61·8	48·5	54·3	+0·9	89	+ 6	0	0	4	+ 1	1·14	29	+16	5·1	− 1·5	31	1010

THE SEASON (Spring).—Aggregates, &c., for the Period of 13 Weeks, March 2nd to May 31st, 1924.

0. SCOTLAND, NORTH...	71	12	48·5	36·8	42·4	− 1·2	286	− 70	250	+41	51	− 7	8·50	216	− 39	4·0	− 0·4	27	1009
Eastern.																			
1. SCOTLAND, EAST ...	67	2	48·6	35·4	41·7	− 2·4	286	−130	314	+84	52	0	6·52	166	0	4·0	− 0·9	28	1010
2. ENGLAND, N.E. ...	73	16	51·3	37·4	44·0	− 1·3	435	−130	251	+89	41	− 5	6·43	162	+29	4·6	− 0·6	32	1011
3. ENGLAND, EAST ...	78	20	53·8	39·4	46·2	− 0·4	584	+11	198	+40	42	− 1	6·75	170	+43	5·5	0·0	40	1012
4. MIDLAND COUNTIES	75	19	53·7	37·5	45·2	− 1·2	545	− 37	251	+73	43	+ 1	7·78	197	+55	4·4	− 0·5	32	1012
5. ENGLAND, S.E. ...	77	20	54·1	39·9	46·7	− 1·0	607	− 18	180	+68	44	+ 2	8·03	203	+68	5·8	+ 0·1	42	1012
Western.																			
6. SCOTLAND, WEST[1] ...	72	15	50·7	37·0	43·5	− 2·1	384	− 94	246	+98	46	− 6	8·37	211	− 21	4·5	− 0·6	31	1010
7. ENGLAND, N.W.[2] ...	74	21	51·7	39·4	45·2	− 1·1	478	− 32	185	+61	48	+ 2	7·90	200	+29	5·0	− 0·2	35	1011
8. ENGLAND, S.W.[3] ...	75	15	52·9	40·3	46·3	− 1·1	548	− 40	154	+58	46	+ 1	9·15	231	+44	5·2	− 0·3	38	1011
9. IRELAND, NORTH ...	72	18	51·5	38·9	44·9	− 1·4	440	− 64	173	+56	53	− 4	8·48	215	+22	5·0	+ 0·1	35	1009
10. IRELAND, SOUTH ...	72	21	53·5	40·6	46·7	− 1·0	563	− 45	131	+44	50	+ 1	7·32	186	− 18	4·9	− 0·5	35	1010
11. CHANNEL ISLANDS[4]	77	30	53·8	44·4	48·9	− 0·6	666	− 37	38	+12	47	0	7·75	198	+43	6·3	− 0·2	46	1012
MEAN: DISTRICTS 1-10	78	2	52·2	38·6	45·0	− 1·3	487	− 48	208	+67	47	− 1	7·67	194	+25	4·9	− 0·3	35	1011

THE YEAR. Aggregates, &c., for the Period of 22 Weeks, December 30th, 1923, to May 31st, 1924.

0. SCOTLAND, NORTH...	71	12	46·5	36·5	41·3	− 0·1	344	− 66	444	− 71	95	− 9	16·95	431	− 99	2·8	− 0·4	23	1009
Eastern																			
1. SCOTLAND, EAST ...	67	2	46·1	34·7	40·3	− 1·0	334	−139	602	+19	91	+ 3	10·47	267	− 26	3·0	− 0·7	25	1011
2. ENGLAND, N.E. ...	73	16	47·7	36·1	41·8	− 0·8	480	− 55	516	+66	71	− 9	9·60	243	+21	3·4	− 0·6	28	1013
3. ENGLAND, EAST ...	78	18	49·1	37·2	43·0	− 0·2	625	− 29	476	+ 9	75	− 3	10·48	265	+49	4·0	− 0·2	33	1014
4. MIDLAND COUNTIES	75	15	49·4	36·0	42·6	− 0·5	602	− 68	516	+22	76	− 1	11·82	299	+51	3·3	− 0·4	27	1013
5. ENGLAND, S.E. ...	77	17	50·0	38·0	43·8	− 0·6	681	− 48	398	+41	74	− 2	11·64	296	+47	4·3	+ 0·1	36	1014
Western																			
6. SCOTLAND, WEST[1] ...	72	15	48·1	36·4	42·1	− 1·0	459	− 96	453	+63	88	− 6	15·64	395	− 62	3·3	− 0·5	27	1012
7. ENGLAND, N.W.[2] ...	74	21	48·6	38·1	43·2	− 0·3	549	− 45	366	+ 6	84	+ 1	12·37	313	− 6	3·6	− 0·2	30	1012
8. ENGLAND, S.W.[3] ...	75	14	49·8	38·9	44·2	− 0·6	652	− 64	309	+25	81	− 2	15·55	393	+29	3·9	− 0·2	33	1013
9. IRELAND, NORTH ...	72	18	49·4	38·5	43·9	− 0·1	573	− 43	287	− 26	93	− 3	14·44	367	+ 2	3·6	0·0	30	1010
10. IRELAND, SOUTH ...	72	21	51·1	39·8	45·3	− 0·2	735	− 40	226	− 16	90	0	15·02	380	− 16	3·6	− 0·4	30	1011
11. CHANNEL ISLANDS[4]	77	30	51·4	43·1	47·2	− 0·1	884	− 30	88	− 12	86	− 3	13·75	351	+46	4·6	− 0·3	39	1013
MEAN: DISTRICTS 1-10	78	2	48·9	37·4	43·0	− 0·5	569	− 63	415	+21	83	− 2	12·70	322	+ 9	3·6	− 0·3	30	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W (*and N. Wales*).	8. England, S W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Deficient	Deficient	Unusual	Unusual	Unusual	Moderate	Moderate	Unusual	Moderate	Moderate	Unusual	Moderate
	Rainfall ..	Heavy	Heavy	Very Heavy	Heavy	Very Heavy	Very Heavy	Heavy	Very Heavy	Heavy	Very Heavy	Moderate	Moderate
	Sunshine ..	Very Scanty	Very Scanty	Scanty	Moderate	Scanty	Abundant	Scanty	Scanty	Scanty	Scanty	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SPRING. 13 weeks from March 2nd, 1924	Warmth ..	1, 7, 5	0, 4, 9	4, 4, 5	4, 5, 4	4, 4, 5	2, 6, 5	1, 6, 6	3, 4, 6	2, 7, 4	1, 7, 5	3, 5, 5	2, 7, 4
	Rainfall ..	6, 2, 5	4, 6, 3	4, 4, 5	5, 5 3	4, 7, 2	7, 4, 2	5, 5, 3	4, 7, 2	6, 5, 2	6, 1, 6	4, 4, 5	4, 7, 2
	Sunshine ..	1, 9, 3	2, 6, 5	2, 5, 6	5, 3 5	4, 2, 7	5, 4, 4	4, 3, 6	7, 0, 6	5, 4, 4	6, 2, 5	5, 3, 5	4, 4, 5

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was of a very varied character. There were considerable bright periods but thunderstorms occurred in many parts of our Islands and in places the rainfall, notably at the extreme end of the week, was exceptionally heavy. Floods occurred in some parts of northern England and West Midlands and a good deal of damage was done to property etc. The observer at Tenbury (Worcester) reports that it was the most severe flood since May 14th 1886. On the evening of the 29th, between 20h. and 21h. a thunderstorm which swept over London and the southern Districts of England was accompanied by a remarkable line squall and peculiar darkness resembling a black overhead fog. The total amount of rainfall for the week was above the normal in all Districts with the exception of Ireland S. where it was slightly below normal. There were a large number of rainfall measurements of more than 25mm. recorded in various parts of the country on the 31st; among the largest amounts being 97mm. at Malvern (Worcester), 77mm. at Hoylake, 76mm. at Tynemouth, 73mm. at Cockle Park (Northumberland), 70mm. at Durham, 63mm. at Hawarden Bridge (Flint), 56mm. at Wistanstow (Shropshire) and 55mm. at Tenbury (Worcester). Maximum temperatures above 70°F. were recorded in many parts of the country during the second half of the week and at a few places readings round about 75°F. were registered. The lowest of the screen minima, 36°F., occurred at Balmoral on the 25th. The mean temperature for the week was below the normal in the Scottish Districts but in all other Districts it was above normal. The largest amounts of sunshine were recorded on the 28th and at a number of stations in various parts of the country sunshine values of between 14 hrs. and 15 hrs. were obtained. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·3 hrs. at Margate to −5·1 hrs. at Aberdeen. Solar halos were observed at a few places on various days during the week.

The mean temperature, rainfall and sunshine for the spring season commencing March 2nd may be classified as moderate.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	*t*	55	27th	41	26, 28	50·0	43·0	46·3	− 0·9	3	0·25	6
Orkneys	Deerness	160	*p*	55	27th	41	31st	50·1	43·3	46·5	− 1·9	6	0·35	9
Hebrides	Stornoway ¶	51	*t*	57	29th	38	26th	50·7	42·8	46·4	− 3·4	6	0·97	25
	Castlebay	37	*t*	62	29th	44	26th	53·4	46·6	49·8	—	4	0·61	15
Caithness	Wick ... ¶	81	*t*	58	27th	39	26, 31	50·0	42·1	45·8	− 3·4	3	0·26	7
Ross and Cromarty	Strathpeffer ¶	125	*a*	61	29th	41	31st	55·9	43·9	49·5	− 2·3	5	1·80	46
	Achnashellach ¶	225	*h*	67	29th	42	31st	55·4	44·6	49·7	—	4	1·13	29
Inverness	Inverness	242	*h*	57	25th	41	26, 31	53·3	44·0	48·4	—	7	1·11	28
	Fort Augustus ¶	68	*a*	61	25th	42	23th	56·0	44·0	49·6	− 1·6	6	1·87	47
	Onich ... ¶	48	*h*	71	29th	45	28th	59·9	47·3	53·2	—	4	1·43	36
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	58	27th	41	25th	53·7	44·3	48·7	− 2·8	5	0·63	17
Elgin	Gordon Castle ¶	101	*p*	63	31st	40	25th	56·7	43·4	49·7	− 2·1	5	0·46	12
Aberdeen	Aberdeen ... ¶	46	*t*	64	27th	42	25th	53·3	45·0	48·9	—	4	0·43	11
	Balmoral ... ¶	930	*a*	63	29th	33	25th	56·0	39·6	47·3	− 2·2	7	0·67	17
Perth	Crieff ... ¶	478	*p*	63	29th	43	26, 31	55·1	44·4	49·4	− 3·6	7	1·36	35
Forfar	Dundee	147	*a*	63	27th	43	26, 31	53·9	44·6	50·4	—	5	0·79	20
Fife	Inchkeith ... ¶	190	*t*	56	30th	45	26, 31	52·6	46·4	49·3	—	6	0·61	15
Midlothian	Edinburgh ...	441	*p*	58	27th	44	26th	52·9	45·3	48·9	− 2·5	6	0·85	21
Peebles	West Linton ¶	770	*a*	63	29th	42	25th	56·7	44·6	50·3	+0·8	7	0·64	16
Berwick	Marchmont ¶	498	*a*	62	29th	41	25th	57·0	45·3	50·8	− 0·4	6	1·32	34
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	70	29th	39	26th	59·1	45·3	51·8	—	4	1·10	28
Renfrew	Renfrew ... ¶	36	*t*	65	29th	43	26th	56·9	46·6	51·4	—	6	1·34	34
Bute	Rothesay ... ¶	200	*p*	64	29th	42	26th	56·3	45·4	50·5	− 2·6	5	1·02	26
Ayr	Kilmarnock ¶	90	*a*	69	29th	43	25, 26	60·1	47·7	53·5	+1·1	6	0·87	22
	Colmonell... ¶	170	*a*	69	29th	44	25, 26	59·6	49·0	54·0	+1·8	6	0·95	24
Dumfries	Dumfries ... ¶	140	*p*	72	29th	41	26th	60·1	48·0	53·7	0·0	5	0·62	16
	Eskdalemuir ...	794	*t*	69	29th	42	26th	58·3	45·0	50·3	—	6	1·39	35

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	4·0	—	22	—	—	—	—	—	—
Deerness §	2·9	− 2·9	16	—	—	—	—	—	—
Stornoway §	1·4	− 4·9	8	—	—	—	—	—	—
Castlebay ...	4·7	—	27	—	—	—	—	—	—
Achnashellach	—	—	—	0	31	—	—	—	—
Inverness §	4·0	—	23	0	36	—	—	—	—
Onich ...	3·6	—	21	0	44	—	—	—	—
Nairn §	3·5	—	20	—	—	—	—	—	—
Gordon Castle	3·8	—	22	—	—	—	—	—	—
Aberdeen §	1·6	− 5·1	9	0	34	—	—	46·8	− 1·4
Balmoral ...	—	—	—	0	35	—	—	—	—
(Kinc).Crathes §	1·8	− 4·5	10	0	37	49·9	—	45·6	—
Dundee §	2·8	—	16	0	41	51·0	—	—	—
Inchkeith ...	3·3	—	19	—	—	—	—	—	—
Edinburgh §	3·3	− 3·2	19	0	42	—	—	—	—
West Linton...	—	—	—	0	38	—	—	—	—
Marchmont §	3·0	− 3·5	18	—	—	—	—	—	—
Ford ...	—	—	—	0	33	52·7	—	48·4	—
Renfrew ...	3·0	—	18	0	37	—	—	—	—
Rothesay §	3·5	− 2·2	21	0	39	52·7	—	48·9	− 1·5
Kilmarnock ...	3·5	—	21	—	—	53·4	—	48·5	—
Colmonell ...	—	—	—	0	43	—	—	—	—
Dumfries ...	3·2	—	19	0	39	53·9	− 2·3	49·2	− 2·8
Eskdalemuir §	3·0	− 3·1	18	0	39	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	68	29th	44	25th	57·7	48·7	52·9	+0·2	5	1·02	26	+12
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	63	28th	43	25, 26, 29	58·6	45·0	51·4	+0·6	5	3·38	86	+73
	Tynemouth ¶	118	t	62	28th	47	26, 31	56·9	48·7	52·6	+0·8	3	3·20	81	+70
Durham	Durham ¶	336	p	63	29th	40	25th	58·1	46·3	51·9	−0·6	5	3·43	87	+77
York, N. Riding	Rounton ¶	249	p	66	28, 29	45	27th	63·0	47·9	55·0	+2·9	4	0·89	23	+12
	West Witton ...	605	a	69	29th	45	25th	60·9	48·1	54·1	—	3	2·01	51	—
	Scarborough ¶	118	h	66	28th	46	27th	60·7	48·1	54·0	+1·0	2	1·44	37	+27
	York ... ¶	56	p	71	29th	46	27th	64·8	49·4	56·6	+1·7	3	1·02	26	+15
E. Riding	Spurn Head ¶	26	t	63	27th	47	27, 31	59·1	48·4	53·4	0·0	3	0·63	16	+8
Lincoln	Lincoln ... ¶	58	a	73	28, 30	46	26, 27	67·0	49·7	57·8	+2·2	3	0·84	21	+10
	Cranwell ... ¶	236	t	71	30th	42	25th	65·0	47·6	55·8	+0·8	3	0·91	23	+12
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	69	28th	45	25, 27	64·8	48·3	56·1	+2·1	2	0·80	20	+12
	Yarmouth ... ¶	13	t	71	30th	46	25, 26	63·0	49·4	55·8	+1·7	2	0·58	15	+6
	Norwich ... ¶	93	a	73	28th	46	26, 27	67·0	49·4	57·7	+2·4	3	0·61	15	+5
	Geldeston ... ¶	37	a	72	30th	45	27th	65·6	48·7	56·6	+1·9	3	0·58	15	+5
Cambridge	Cambridge ¶	41	p	72	28, 29	43	27, 28	67·6	48·4	57·4	+1·5	4	0·70	18	+8
Hertford	Rothamsted ¶	420	a	70	29th	43	27th	65·0	48·1	56·0	+1·1	2	0·74	19	+8
Middlesex	Tottenham ¶	51	p	74	29th	47	26, 28	68·3	51·0	59·1	—	4	0·85	22	—
Essex	Clacton-on-Sea ¶	55	t	71	30th	48	26th	63·9	52·0	57·6	+2·8	4	1·03	26	+18
	Southend	90	h	72	30th	48	26, 27	66·7	51·7	58·8	—	4	1·15	29	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	h	69	29th	46	27th	62·3	47·4	54·4	+1·7	4	1·20	31	+18
	Sheffield	429	p	71	28, 30	46	25th	64·3	49·4	56·4	—	5	0·96	25	+13
Derby	Buxton	987	p	68	28th	43	29th	60·9	47·3	53·7	+2·0	5	1·63	41	−24
Nottingham	Worksop(Hods'ck)¶	56	a	75	30th	42	29th	68·3	48·1	57·6	+3·0	3	0·96	24	+13
	Nottingham ¶	192	a	73	28th	43	26th	66·4	49·9	57·7	+3·0	3	1·68	43	+33
Warwick	Birmingham (Edg)¶	525	t	71	29th	44	26th	64·7	49·4	56·6	+1·6	5	2·01	51	+39
Northampton	Oundle ... ¶	147	a	71	28th	43	26, 27	65·0	48·0	56·0	—	3	0·67	17	—
Oxford	Oxford ... ¶	208	p	72	28, 29	44	28th	66·6	49·3	57·4	+1·4	4	1·04	26	+15
Stafford	Cheadle ... ¶	646	a	70	29, 30	41	26th	64·7	47·1	55·4	+1·8	5	1·56	39	+26
Worcester	Tenbury ... ¶	313	p	72	29th	43	29th	65·4	48·0	56·2	+1·7	4	3·22	82	+72
	Malvern	377	h	71	29th	45	25th	64·6	49·6	56·7	—	4	4·54	115	—
Hereford	Hereford ... ¶	291	a	71	29th	41	26th	64·3	47·9	55·6	+0·2	4	2·04	52	+40
Gloucester	Clifton ... ¶	225	a	73	28th	46	25th	65·9	49·7	57·3	+0·1	3	1·01	26	+13
5. ENGLAND, S.E.															
London	Westminster ...	27	a	73	29th	46	26th	68·3	51·6	59·5	+2·2	4	1·17	30	+20
	Greenwich ‡ ...	149	a	75	30th	43	28th	70·0	49·0	58·9	+1·8	4	1·00	25	+15
	Hampstead ...	450	a	70	28, 29	44	26th	65·6	49·3	57·0	—	4	1·21	31	—
	Camden Square ...	110	a	75	28, 29	46	26th	70·1	50·9	59·9	+1·6	4	1·18	30	+19
Surrey	Richmond (KewO)¶	18	t	74	29th	45	28th	68·7	51·1	59·4	+2·8	4	1·43	36	+25
	Wisley ... ¶	150	a	75	29th	43	26th	68·9	49·0	58·4	+2·7	4	1·39	35	+26
Kent	Tunbridge Wells ¶	354	h	72	29th	43	26th	67·3	48·7	57·4	+2·0	4	1·14	29	+20
	Margate ... ¶	51	h	69	30th	46	27th	62·7	50·4	56·2	+0·4	4	1·10	28	+19
	Dungeness ¶	21	t	64	28, 29	47	28th	60·0	51·0	55·2	0·0	3	1·07	27	+19
Sussex	St. Leonards ¶	178	h	72	29th	48	26th	63·6	51·6	57·2	+1·5	3	1·54	39	+30
	Worthing	36	h	70	28, 29, 31	45	26th	64·8	51·7	57·9	—	3	1·19	30	—
I. of Wight	Ventnor ... ¶	59	a	68	29th	49	25, 26, 28	63·4	51·7	57·2	+0·7	3	0·96	24	+14
Hampshire	Southampton ¶	64	p	74	29th	44	26th	67·0	50·1	58·0	+0·5	4	0·89	23	+12
Wiltshire	Marlborough ¶	424	a	74	29th	39	27th	65·4	46·9	55·6	+1·3	3	1·54	39	+27
	Porton ¶	363	a	71	29th	40	26, 7	65·6	46·1	55·3	—	3	0·94	24	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	70	29th	45	25th	59·6	48·3	53·6	+0·5	7	1·80	46	+31
	Newton Rigg ¶	559	p	71	29th	44	25, 26, 27	61·1	47·0	53·6	+0·9	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	70	29th	45	25th	60·9	49·9	55·1	+1·5	4	2·18	55	+37
	Blackpool ¶	66	h	72	29th	48	25, 26	63·3	51·7	57·2	+3·4	5	1·93	49	+36
	Southport ¶	37	h	73	29th	47	25th	63·3	50·9	56·7	+2·5	5	1·92	49	+36
Manchester	Whitworth Pk. ¶	125	p	71	28, 29	47	25th	64·0	51·1	57·2	+1·5	6	1·44	37	+23
Cheshire	Liverp'l (Bidston) ¶	189	a	72	29th	46	25, 26	63·4	51·0	56·8	+2·0	4	2·50	63	+51
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	74	29th	47	26th	66·0	51·9	58·5	+3·2	4	2·76	70	+59
Carnarvon	Llandudno ¶	22	h	72	29th	48	25, 26	62·7	51·4	56·7	+1·9	5	1·65	42	+30
Anglesey	Holyhead ¶	26	t	67	28, 29	48	25th	59·6	50·6	54·8	+1·2	5	1·08	27	+15
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	75	29th	49	25th	63·1	52·6	57·5	—	6	1·42	36	—
Pembroke	St. Ann's Hd. ¶	150	t	66	29th	48	25th	57·9	50·1	53·8	+0·3	2	0·13	3	−7
Radnor	Rhayader ¶	757	a	69	28th	43	26th	61·9	47·9	54·5	—	5	1·31	33	—
Glamorgan	Cardiff ... ¶	202	p	71	28th	44	26th	64·1	50·3	56·8	+1·6	3	1·08	27	+15
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	72	28, 29, 31	44	27th	66·6	50·0	57·8	+2·1	3	1·08	27	+17
Dorset	Shaftesbury ¶	722	a	69	31st	45	27, 28	63·7	48·3	55·5	+1·3	4	1·12	29	+18
	Portland Bill ¶	19	t	61	31st	50	25, 26, 29	57·4	51·6	54·3	−0·4	3	0·67	17	+10
Devon	Arlington ¶	613	a	70	28th	42	26th	62·7	48·3	55·1	+1·5	3	0·27	7	−8
	Cullompton ¶	202	a	71	28th	43	26th	66·0	47·1	56·0	+0·5	3	0·30	7	−4
	Plymouth ¶	116	p	69	28th	50	25, 26	61·6	52·1	56·6	+0·6	3	0·84	21	+11
Cornwall	Newquay ... ¶	190	h	66	28th	49	27th	60·7	51·0	55·6	+0·8	4	0·16	4	−5
	Falmouth ¶	167	h	64	31st	48	25th	60·4	50·	55·4	+0·3	3	0·40	10	−1
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	56	29, 31	44	28th	53·7	47·1	50·2	−1·8	6	1·04	26	+14
Mayo	Blacksod Point ¶	10	t	67	29th	43	26th	58·6	49·1	53·6	+0·3	7	2·29	58	+42
	Mallaranny ...	120	a	71	29th	43	26th	61·6	50·1	55·5	—	5	3·89	99	
Sligo	Markree Castle ¶	122	p	70	29th	44	25th	62·7	49·1	55·5	+2·9	6	1·90	48	+31
Armagh	Armagh ... ¶	204	p	68	29th	41	26th	62·0	47·9	54·5	+1·4	4	0·84	21	+7
Down	Donaghadee ¶	35	t	61	30th	43	25, 26	56·7	47·0	51·6	−0·9	4	1·28	33	+20
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	67	30th	46	25th	63·1	50·6	56·5	+1·3	5	0·52	13	+1
King'sCounty	Birr Castle ¶	175	t	72	29th	45	26th	64·3	49·7	56·6	+2·9	6	0·53	13	0
Kilkenny	Kilkenny ¶	182	a	69	29, 31	46	25th	64·4	49·9	56·7	+2·6	6	0·61	15	+2
Waterford	Waterford ¶	137	a	70	29th	46	26th	62·7	49·7	55·8	+1·3	3	0·33	9	−5
	Seskin, Carrick-on-Suir	542	p	68	29th	45	25, 26	62·0	48·3	54·7	—	6	0·51	13	—
Limerick	Foynes ... ¶	50	a	72	29th	44	26th	65·3	50·0	57·2	+2·6	5	0·43	11	−3
Kerry	Cahirciveen ¶	30	t	67	28th	49	26th	60·9	52·0	56·2	+1·8	6	0·76	19	+1
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	62	29th	48	25, 26	58·1	50·6	54·1	−0·2	6	0·24	6	−9
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	62	28th	49	25th	59·4	51·0	55·0	−0·1	3	0·47	12	+1
Guernsey	Grange ... ¶	173	p	64	28, 29	49	26th	61·7	51·3	56·2	−0·3	4	0·97	25	+13
Jersey	St. Heliers ¶	28	h	72	29th	51	26th	65·6	53·0	58·9	+2·2	3	0·57	14	+1

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·3	−3·3	26	0	41	—	—	—	—
Cockle Park §	3·6	−2·4	21	0	36	52·4	−1·5	48·6	−1·4
Tynemouth ...	—	—	—	0	46	—	—	—	—
Durham §	3·5	−2·1	21	0	37	—	—	—	—
Rounton ...	—	—	—	0	35	54·4	—	—	—
West Witton	—	—	—	0	39	53·6	—	46·4	—
Scarborough †§	4·8	−1·3	29	0	41	—	—	51·8	—
York §	3·7	−2·1	22	—	—	53·4	−1·4	49·0	−1·8
Spurn Head...	4·5	—	27	—	—	—	—	—	—
Lincoln ...	—	—	—	0	43	56·5	−0·2	50·7	−0·6
Cranwell §	5·9	−0·8	36	0	35	—	—	—	—
Skegness §	5·8	−1·3	35	—	—	—	—	—	—
Cromer §	7·1	+0·2	43	—	—	—	—	—	—
Yarmouth §	8·2	—	50	0	40	58·9	+0·2	55·1	+0·9
Norwich ...	7·7	—	47	0	43	58·9	—	—	—
Geldeston §	7·4	0·0	45	—	—	—	—	—	—
Cambridge §	6·8	−0·3	42	0	37	58·0	−0·4	53·6	−0·1
Rothamsted §	6·8	−0·1	42	0	35	55·5	—	—	—
Tottenham §	8·4	—	52	—	—	—	—	—	—
Clacton-on-Sea§	9·4	+1·5	58	0	45	58·2	+0·9	54·1	0·0
Southend ...	8·8	—	55	0	45	58·4	—	—	—
Harrogate §	4·5	−1·9	27	0	42	50·7	−2·2	49·1	−1·5
Sheffield §	4·9	−0·9	30	0	41	54·1	−0·2	48·9	−0·1
Buxton ...	4·6	—	28	0	43	53·2	−1·2	47·3	−1·1
Worksop §	4·0	−1·7	24	0	36	55·5	—	51·1	—
Nottingham §	4·5	−1·7	27	0	39	55·1	−2·0	50·8	−1·0
Birmingham §	4·8	−0·4	29	0	41	51·5	−0·	47·4	−1·0
Oundle ...	5·5	—	34	0	36	56·9	—	51·2	—
Oxford §	6·2	−0·5	38	0	37	—	—	—	—
Cheadle ...	—	—	—	0	39	—	—	—	—
Tenbury ...	—	—	—	0	39	55·8	—	—	—
Malvern ...	4·3	—	26	0	39	57·1	—	52·2	—
Ross on Wye §	4·0	—	25	0	39	56·3	—	52·6	—
Clifton §	5·9	−1·3	37	0	47	—	—	—	—
Westminster	7·8	+1·8	48	0	41	—	—	—	—
Greenwich ...	8·8	+1·9	55	1	30	—	—	—	—
Hampstead ...	8·5	—	53	0	36	—	—	—	—
Camden Square	—	—	—	0	41	56·9	—	51·0	—
Richmond § (Kew Obs.)	7·2	+0·3	45	0	37	58·5	+0·7	53·1	+0·4
Wisley §	7·2	+0·1	44	0	34	59·7	+2·	53·2	+0·1
Tunbridge W'ls§	8·7	+1·4	54	0	35	58·6	—	53·6	—
Margate §	10·2	+3·3	64	0	43	59·8	+1·5	56·3	+2·0
Folkestone §	10·2	—	64	0	45	—	—	52·0	—
St. Leonards §	9·6	+1·6	60	0	43	61·6	—	54·0	—
Worthing §	9·5	+1·5	59	0	40	59·6	−0·1	53·4	−0·8
Ventnor §	8·2	+0·6	51	—	—	—	—	—	—
Southampton§	7·9	+0·5	49	0	39	—	—	—	—
Marlborough§	5·0	−1·4	31	0	38	56·2	—	52·0	—
Porton ...	7·0	—	43	0	33	56·0	—	—	—
Aspatria §	3·2	−3·6	19	0	42	52·2	−2·7	48·0	−1·8
Newton Rigg§	—	—	—	—	—	—	—	—	—
Stonyhurst §	3·6	−2·7	22	0	46	—	—	—	—
Blackpool §	5·0	−2·7	30	0	44	56·2	—	50·1	—
Southport §	5·5	−1·9	34	0	45	59·0	+0·5	54·4	−0·1
Whitworth Pk.	4·1	−1·3	25	—	—	—	—	—	—
Oldham Road	3·8	−1·9	23	0	45	54·9	−1·4	50·4	−2·0
Bidston ...	5·1	—	31	0	43	—	—	—	—
(Ches.)Hoylake§	5·6	−1·2	34	—	—	—	—	—	—
Llandudno §	5·5	−2·0	33	—	—	—	—	—	—
Holyhead ...	5·9	—	36	0	46	—	—	—	—
Aberystwyth§	4·6	−2·0	28	—	—	—	—	—	—
St. Ann's Hd.§	4·5	−2·9	28	—	—	—	—	—	—
Rhayader §	3·6	—	22	0	32	—	—	—	—
Cardiff ...	5·3	—	33	0	41	57·2	−1·2	51·9	−0·9
Bath ... §	5·7	−1·3	35	—	—	57·8	—	53·2	—
Shaftesbury...	—	—	—	—	—	—	—	51·3	—
Weymouth ...	7·7	—	48	—	—	—	—	—	—
Arlington ...	—	—	—	0	40				
Cullompton §	4·3	−2·3	27	0	35	56·0	—	—	—
Plymouth §	6·1	−1·2	38	0	46	56·6	−2·5	52·1	—
Newquay §	6·9	−0·5	43	—	—	55·9	—	52·2	—
Falmouth §	6·0	−1·6	38	0	45	58·1	—	55·0	—
Malin Head...	4·2	—	25	—	—	—	—	—	—
Mallaranny ...	5·3	—	32	—	—	—	—	—	—
MarkreeC'stle§	5·2	−0·9	31	0	41	56·0	−0·9	50·0	−1·4
Armagh §	4·8	−1·3	29	0	32	54·2	−1·6	50·1	−1·5
Trinity Coll.	—	—	—	0	42	55·3	−1·1	51·2	−1·4
Phœnix Park §	2·8	−3·9	17	0	42	—	—	—	—
Dublin City...	—	—	—	0	40	—	—	—	—
Birr Castle §	6·6	+0·7	40	0	40	—	—	—	—
Seskin ...	5·2	—	32	0	41	—	—	—	—
Cahirciveen (Valencia O.)§	3·9	−2·7	24	0	44	—	—	—	—
Ballinacurra §	4·4	−2·3	27	—	—	—	—	—	—
St. Mary's §	6·6	−1·2	41	—	—	—	—	—	—
Grange §	8·6	+0·2	54	0	47	60·4	+0·9	55·2	−0·2
St. Heliers §	8·0	−0·1	50	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, May 31st, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed.	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s. d. hr.	m.p.h	m/s. d. h. m.
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	—	0	27	2	82	62	22	0	220	25	11 27 16	32	14 27 15 55
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	27, 30	2	53	98	15	0	20	25	11 30 9	—	— — — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	19	114	35	0	10	16	7 30 16	30	13 27 12 45
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	28	86	54	0	220	24	11 27 2	36	16 27 2 10
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	6	121	41	0	200	16	7 26 24	31	14 27 5 25
Dumfries Eskdalemuir ...	825	50	22	—	0	27	8	45	93	22	0	220	28	13 27 4	43	19 27 3 55
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	—	0	17	96	55	0	230	22	10 27 13	37	17 27 2 0
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	58	97	13	0	210	18	8 27 10	29	13 25 13 10
Lincoln Cranwell ...	280	43	31			Instrument	out of a	ction.								
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	—	0	30	106	32	0	210	20	9 25 8	28	13 25 8 20
Essex Shoeburyness...	103	90	‡	—	0	—	0	54	89	25	0	—	24	11 25 4	40	18 25 9 50
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	18	113	37	0	210	15	7 25 9	43	19 29 19 30
Kent Lympne ...	409	70	‡	—	0	25	7	60	90	11	0	200	28	13 25 11	42	19 25 11 30
Surrey Croydon ...	284	40	24	—	0	—	0	26	128	14	0	230	18	8 25 9	47	21 29 19 15
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	19	122	20	7	180	20	9 29 18	52	23 29 18 25
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	61	88	18	1	210	23	10 25 13	56	25 29 18 45
Wiltshire Larkhill, (S'y Plain)...	513	63	43	—	0	—	0	49	(119)	(0)	0	250	21	9 31 22	32	14 25 16 15
7a ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	27	1	74	84	9	0	210	25	11 27 5	40	18 27 11 50
Lancashire Southport ...	80	62	48	—	0	25	10	85	67	6	0	270	26	12 25 14	34	15 29 16 25
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	—	0	27	1	106	53	8	0	200	25	11 27 13	40	18 27 16 20
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	—	0	58	94	16	0	—	21	9 29 15	37	17 29 15 5
Cornwall Pendennis Castle§...	256	65	24	—	0	29	5	67	71	3	22	60	27	12 29 6	32	14 29 10 35
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	25, 27	2	62	78	26	0	250	25	11 25 3	—	— — — —
Clare Quilty	100	40	‡	—	0	26, 27	3	100	53	7	0	—	26	11 26 23	36	16 26 23 55
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	77	85	6	0	210	22	10 26 21	35	16 26 21 5
Cork Weaver Pt. ...	160	30	‡	—	0	29	1	62	76	29	0	—	25	11 29 11	38	17 29 11 55
11a. SCILLY ISLES.																
Scilly St. Mary's ...	150	32	‡	—	0	29	4	99	64	1	0	100	28	13 29 7	39	17 29 7 55

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	10	8	3·4	7	7	3·0	16	7	3·1	12	6	2·8	16	12	5·3	20	7	3·3	19	9	3·8	21	10	4·3
North	12	9	4·0	9	2	1·1	6	5	2·4	5	3	1·5	10	4	1·7	5	4	1·9	5	4	1·6	5	5	2·5
West	11	6	2·8	6	14	6·1	12	6	2·8	13	6	2·9	20	9	4·1	10	12	5·5	11	12	5·2	9	7	3·2
East	12	8	3·5	12	6	2·6	9	7	3·3	8	8	3·6	4	15	6·9	14	10	4·3	11	5	2·3	18	7	3·0
Calm (or wind-speed < 4 m.p.h.)	4	—	—	9	—	—	6	—	—	6	—	—	1	—	—	0	—	—	4	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director. 5th June, 1924.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry, Ltd., The Grove, Southwark, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

93

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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METEOROLOGICAL OFFICE 16 JUN 1924 LIBRARY

FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 23.

TWENTY-THIRD WEEK.
SUNDAY, JUNE 1ST TO SATURDAY, JUNE 7TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-THIRD WEEK of 1924—June 1st to June 7th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	70	31	54·1	40·7	46·9	− 4·3	38	− 29	4	+ 4	4	+ 1	0·37	9	− 3	6·6	+1·0	37	1016
Eastern.																			
1. SCOTLAND, EAST ...	64	29	54·4	39·9	46·7	− 5·7	39	− 36	6	+ 6	4	+ 1	0·52	13	+ 4	5·8	− 0·3	33	1016
2. ENGLAND, N.E. ...	69	32	56·7	43·7	49·7	− 4·0	54	− 28	0	0	5	+ 2	0·98	25	+14	4·4	− 1·7	26	1016
3. ENGLAND, EAST ...	71	35	61·4	47·1	53·7	− 2·2	82	− 15	0	0	5	+ 2	0·87	22	+ 9	4·9	− 1·7	30	1017
4. MIDLAND COUNTIES	66	35	59·6	47·5	53·2	− 2·7	78	− 19	0	0	5	+ 2	1·02	26	+12	2·3	− 3·8	14	1016
5. ENGLAND, S.E. ...	72	43	60·8	49·9	55·0	− 1·9	91	− 13	0	0	5	+ 2	1·19	30	+16	3·7	− 3·3	23	1017
Western.																			
6. SCOTLAND, WEST[1] ...	66	30	58·3	43·1	50·2	− 3·9	57	− 31	0	0	4	+ 1	0·84	21	+ 9	5·2	− 1·2	30	1015
7. ENGLAND, N.W.[2] ...	65	33	57·9	47·2	52·1	− 2·9	71	− 20	0	0	5	+ 2	0·82	21	+11	2·9	− 3·9	17	1015
8. ENGLAND, S.W.[3] ...	66	34	59·1	49·9	54·2	− 1·9	85	− 14	0	0	5	+ 2	0·84	21	+ 7	2·2	− 4·6	13	1016
9. IRELAND, NORTH ...	66	38	58·4	47·7	52·6	− 1·6	74	− 11	0	0	5	+ 2	0·88	22	+ 9	2·3	− 3·6	14	1014
10. IRELAND, SOUTH ...	68	45	62·3	51·4	56·5	+0·7	101	+ 4	0	0	6	+ 3	1·04	26	+12	3·0	− 3·4	18	1015
11. CHANNEL ISLANDS[4]	69	49	60·9	51·4	55·8	− 1·0	97	− 6	0	0	4	+ 1	0·53	13	0	4·4	− 3·0	27	1017
MEAN: DISTRICTS 1-10	72	29	58·9	46·7	52·4	− 2·6	73	− 18	1	+ 1	5	+ 2	0·90	23	+10	3·7	− 2·7	22	1016

THE SEASON (Summer).—Aggregates, &c., for the Period of 1 Week, June 1st to June 7th, 1924.

0. SCOTLAND, NORTH...	70	31	54·1	40·7	46·9	− 4·3	38	− 29	4	+ 4	4	+ 1	0·37	9	− 3	6·6	+ 1·0	37	1016
Eastern.																			
1. SCOTLAND, EAST ...	64	29	54·4	39·9	46·7	− 5·7	39	− 36	6	+ 6	4	+ 1	0·52	13	+ 4	5·8	− 0·3	33	1016
2. ENGLAND, N.E. ...	69	32	56·7	43·7	49·7	− 4·0	54	− 28	0	0	5	+ 2	0·98	25	+14	4·4	− 1·7	26	1016
3. ENGLAND, EAST ...	71	35	61·4	47·1	53·7	− 2·2	82	− 15	0	0	5	+ 2	0·87	22	+ 9	4·9	− 1·7	30	1017
4. MIDLAND COUNTIES	66	35	59·6	47·5	53·2	− 2·7	78	− 19	0	0	5	+ 2	1·02	26	+12	2·3	− 3·8	14	1016
5. ENGLAND, S.E. ...	72	43	60·8	49·9	55·0	− 1·9	91	− 13	0	0	5	+ 2	1·19	30	+16	3·7	− 3·3	23	1017
Western.																			
6. SCOTLAND, WEST[1] ...	66	30	58·3	43·1	50·2	− 3·9	57	− 31	0	0	4	+ 1	0·84	21	+ 9	5·2	− 1·2	30	1015
7. ENGLAND, N.W.[2] ...	65	33	57·9	47·2	52·1	− 2·9	71	− 20	0	0	5	+ 2	0·82	21	+11	2·9	− 3·9	17	1015
8. ENGLAND, S.W.[3] ...	66	34	59·1	49·9	54·2	− 1·9	85	− 14	0	0	5	+ 2	0·84	21	+ 7	2·2	− 4·6	13	1016
9. IRELAND, NORTH ...	66	38	58·4	47·7	52·6	− 1·6	74	− 11	0	0	5	+ 2	0·88	22	+ 9	2·3	− 3·6	14	1014
10. IRELAND, SOUTH ...	68	45	62·3	51·4	56·5	+0·7	101	+ 4	0	0	6	+ 3	1·04	26	+12	3·0	− 3·4	18	1015
11. CHANNEL ISLANDS[4]	69	49	60·9	51·4	55·8	− 1·0	97	− 6	0	0	4	+ 1	0·53	13	0	4·4	− 3·0	27	1017
MEAN: DISTRICTS 1-10	72	29	58·9	46·7	52·4	− 2·6	73	− 18	1	+ 1	5	+ 2	0·90	23	+10	3·7	− 2·7	22	1016

THE YEAR. Aggregates, &c., for the Period of 23 Weeks, December 30th, 1923, to June 7th, 1924.

0. SCOTLAND, NORTH...	71	12	46·8	36·7	41·6	− 0·2	382	− 95	448	− 67	99	− 8	17·32	440	−102	3·0	− 0·3	24	1010
Eastern.																			
1. SCOTLAND, EAST ...	67	2	46·5	34·9	40·5	− 1·3	373	−175	608	+25	95	+ 4	10·99	280	− 22	3·1	− 0·7	25	1011
2. ENGLAND, N.E. ...	73	16	48·1	36·4	42·1	− 0·9	534	− 83	516	+66	76	− 7	10·58	268	+35	3·4	− 0·6	28	1013
3. ENGLAND, EAST ...	78	18	49·6	37·6	43·4	− 0·4	707	− 44	476	+ 9	80	− 1	11·35	287	+58	4·0	− 0·3	33	1014
4. MIDLAND COUNTIES	75	15	49·9	36·5	43·0	− 0·7	680	− 87	516	+22	81	+ 1	12·84	325	+63	3·2	− 0·6	26	1013
5. ENGLAND, S.E. ...	77	17	50·4	38·5	44·3	− 0·7	772	− 61	398	+41	79	0	12·83	326	+63	4·3	− 0·1	35	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	15	48·5	36·7	42·4	− 1·1	516	−127	453	+63	92	− 5	16·48	416	− 53	3·3	− 0·6	27	1012
7. ENGLAND, N.W.[2] ...	74	21	49·0	38·5	43·6	− 0·4	620	− 65	366	+ 6	89	+ 3	13·19	334	+ 5	3·6	− 0·3	30	1012
8. ENGLAND, S.W.[3] ...	75	14	50·2	39·4	44·7	− 0·6	737	− 78	309	+25	86	0	16·39	414	+36	3·9	− 0·4	32	1013
9. IRELAND, NORTH ...	72	18	49·8	38·9	44·2	− 0·2	647	− 54	287	− 26	103	− 1	15·32	389	+11	3·5	− 0·2	29	1011
10. IRELAND, SOUTH ...	72	21	51·6	40·3	45·8	− 0·1	836	− 36	226	− 16	96	+ 3	16·09	407	− 3	3·6	− 0·5	29	1012
11. CHANNEL ISLANDS[4]	77	30	51·8	43·5	47·6	− 0·1	981	− 36	88	− 12	90	− 2	14·23	364	+46	4·6	− 0·4	38	1014
MEAN: DISTRICTS 1-10	78	2	49·4	37·8	43·4	− 0·6	642	− 81	415	+21	88	− 1	13·61	345	+19	3·6	− 0·4	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Very Deficient	Very Deficient	Deficient	Deficient	Deficient	Deficient	Very Deficient	Deficient	Deficient	Moderate	Moderate	Moderate
	Rainfall ..	Moderate	Moderate	Heavy	Heavy	Heavy	Very Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Moderate
	Sunshine ..	Abundant	Moderate	Scanty	Scanty	Very Scanty	Very Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 1 week from June 1st, 1924	Warmth ..	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 1, 0	0, 1, 0	0, 1, 0
	Rainfall ..	0, 1, 0	0, 1, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	0, 1, 0
	Sunshine ..	1, 0, 0	0, 1, 0	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The general character of the weather over the British Islands during the week was again changeable and unsettled. Rain fell on several days and in one or two places hail was reported. Thunderstorms occurred in some parts of the country notably at the beginning and at the end of the week. The total amount of rainfall for the week was above the normal in nearly all Districts. The heavy floods referred to in last week's report continued into the early part of the week under review, and in places the measurements of rainfall were exceptionally large. At Humber Rectory, Leominster, 76mm. of rain fell in 1¾ hrs. and 95mm. in 12 hrs. At Bewell, Alfrick, Worcester, 105mm. fell in 15 hrs. and at Delbury Hall, Craven Arms, 102mm. in 23¼ hrs., while the totals for the 24 hrs. at the following places were:—123mm. at Ludlow, 115mm. at the Council Offices, Malvern, 104mm. at Ashford House, Ludlow, 102mm. at Stourbridge and at Grantsfield, Leominster, 95mm. at Martley Rectory, Worcester, and 91mm. at Caldy Manor, West Kirby, Cheshire. Maximum temperatures of 70°F. or slightly above were recorded at the end of the week in a few places, notably in the eastern and south-eastern parts of England. The lowest of the screen minimum temperatures, 29°F., was registered at Balmoral, Eskdalemuir and West Linton (Peebles) on the 3rd. Ground frosts occurred in several places and at Rounton (N. Riding) the grass temperature on the 3rd was as low as 22°F. The mean temperature for the week was below the normal in all Districts with the exception of Ireland S., where it was slightly above normal. There were a few fairly good records of sunshine during the week in various parts of our Islands, but the total amount for the week was below the normal in nearly all parts of the country. Solar halos were seen at Clacton and South Farnborough on the 3rd and at Oxford on the 1st, 3rd and 6th. A parhelion was observed at Ross-on-Wye and a sun pillar at Oxford on the 2nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	*t*	51	6th	36	5th	48·1	40·0	43·8	- 4·1	4	0·13	3 - 5
Orkneys	Deerness	160	*p*	58	7th	38	3rd	49·9	40·4	44·8	- 4·3	4	0·11	3 - 5
Hebrides	Stornoway ¶	51	*t*	58	7th	34	4th	51·4	40·0	45·3	- 5·3	5	0·49	13 + 2
	Castlebay	37	*t*	55	7th	41	2nd	52·7	46·6	49·4	—	4	0·52	13 —
Caithness	Wick ... ¶	81	*t*	55	7th	34	4th	49·7	40·4	44·7	- 5·3	4	0·20	5 - 3
Ross and Cromarty	Strathpeffer ¶	125	*a*	65	7th	35	5th	56·3	41·0	48·1	- 4·7	3	0·34	9 + 1
	Achnashellach ¶	225	*h*	66	7th	33	3rd	57·3	40·7	48·4	—	5	0·48	12 —
Inverness	Inverness	242	*h*	64	7th	35	3, 4	52·6	39·9	45·8	—	4	0·48	12 —
	Fort Augustus ¶	68	*a*	70	7th	31	3rd	58·0	40·6	48·7	- 3·5	3	0·33	9 - 1
	Onich ... ¶	48	*h*	65	7th	36	2nd	58·0	42·3	49·6	—	3	0·61	15 —
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	62	7th	34	4th	53·9	39·4	46·2	- 6·1	6	0·54	14 + 6
Elgin	Gordon Castle ¶	101	*p*	62	7th	32	3rd	54·9	39·7	46·8	- 5·9	3	0·31	8 - 1
Aberdeen	Aberdeen ... ¶	43	*t*	61	7th	36	3rd	53·1	41·6	47·0	—	4	0·44	11 + 3
	Balmoral ... ¶	930	*a*	64	7th	29	3rd	53·0	35·9	43·9	- 6·7	6	0·40	10 + 1
Perth	Crieff ... ¶	478	*p*	58	3rd	38	2nd	55·1	40·7	47·4	- 6·5	4	0·86	22 +11
Forfar	Dundee	147	*a*	67	7th	37	2nd	55·6	42·0	48·8	—	3	0·60	15 —
Fife	Inchkeith ... ¶	190	*t*	58	7th	40	2, 4	53·9	44·1	48·7	—	4	0·42	11 —
Midlothian	Edinburgh ...	441	*p*	64	7th	38	4th	55·0	41·9	48·0	- 4·2	4	0·39	10 + 2
Peebles	West Linton ¶	770	*a*	63	7th	29	3rd	56·6	38·0	46·7	- 3·8	4	0·48	12 —
Berwick	Marchmont ¶	498	*a*	64	7th	35	4th	54·7	40·1	46·9	- 5·1	4	0·68	17 + 7
6*a*. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	65	1st	30	3rd	60·3	41·0	50·0	—	3	0·87	22 —
Renfrew	Renfrew ... ¶	36	*t*	66	7th	32	4th	59·0	41·0	49·4	—	3	0·65	17 —
Bute	Rothesay ... ¶	200	*p*	62	7th	38	3rd	57·4	43·1	49·8	- 4·5	3	1·07	27 +14
Ayr	Kilmarnock ¶	90	*a*	66	4, 7	34	3rd	61·4	42·7	51·4	- 2·2	3	0·91	23 +14
	Colmonell... ¶	170	*a*	63	4th	34	3, 4	57·9	42·6	49·7	- 3·5	4	0·58	15 + 4
Dumfries	Dumfries ... ¶	140	*p*	63	4, 7	37	3, 4	58·1	44·9	51·0	- 4·1	5	0·56	14 + 4
	Eskdalemuir ...	794	*t*	62	7th	29	3rd	56·6	39·7	47·6	—	4	0·91	23 —

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	7·4	—	40	—	—	—	—	—	—
Deerness §	5·8	0·0	32	—	—	—	—	—	—
Stornoway §	7·0	+0·5	39	—	—	—	—	—	—
Castlebay ...	7·5	—	43	—	—	—	—	—	—
Achnashellach	—	—	—	3	24	—	—	—	—
Inverness §	7·0	—	40	4	26	—	—	—	—
Onich ...	8·1	—	46	2	29	—	—	—	—
Nairn §	7·3	—	41	—	—	—	—	—	—
Gordon Castle	7·5	—	43	—	—	—	—	—	—
Aberdeen §	5·2	- 1·0	30	1	30	—	—	47·3	- 2·0
Balmoral ...	—	—	—	4	25	—	—	—	—
(Kinc.)Crathes §	4·9	- 1·0	28	3	27	48·9	—	46·0	—
Dundee §	5·2	—	30	1	30	51·9	—	—	—
Inchkeith ...	6·7	—	39	1	27	—	—	—	—
Edinburgh §	6·4	+0·2	37	1	30	—	—	—	—
West Linton...	—	—	—	3	27	—	—	—	—
Marchmont §	5·7	- 0·5	33	—	—	—	—	—	—
Ford ...	—	—	—	2	28	55·0	—	50·3	—
Renfrew ...	6·1	—	35	2	26	—	—	—	—
Rothesay §	7·6	+1·6	44	0	33	54·1	—	49·7	- 1·8
Kilmarnock ...	6·2	—	36	—	—	53·5	—	49·4	—
Colmonell ...	—	—	—	1	30	—	—	—	—
Dumfries ...	4·7	—	28	2	27	54·5	- 2·9	50·2	- 3·1
Eskdalemuir §	5·0	- 0·5	29	2	24	—	—	—	—

* *t* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	58	5th	39	3rd	54·1	46·7	50·1	− 3·8	6	1·28	32	+22
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	66	7th	35	3, 4, 5	54·9	39·3	46·6	− 4·7	4	1·43	36	+23
	Tynemouth ¶	118	t	59	7th	40	2, 3	52·1	44·6	48·1	− 4·2	4	1·33	41	+30
Durham	Durham ... ¶	336	p	67	7th	32	3rd	55·7	39·0	46·8	− 6·4	5	1·05	27	+17
York, N. Riding	Rounton ... ¶	249	p	69	7th	35	3, 5	57·6	41·4	48·9	− 3·9	5	1·08	27	+15
	West Witton ...	605	a	67	7th	34	3rd	58·7	42·6	50·1	—	5	0·82	13	—
	Scarborough ¶	118	h	68	7th	41	2nd	55·9	45·1	50·1	− 3·5	4	0·47	12	+ 2
	York ¶	56	p	69	7th	38	3rd	58·7	45·8	51·8	− 3·7	5	0·83	22	+11
E. Riding	Spurn Head ¶	26	t	63	6th	43	3rd	55·3	46·7	50·7	− 3·2	5	0·58	15	+ 7
Lincoln	Lincoln ... ¶	58	a	66	6th	38	3rd	60·7	46·6	53·2	− 3·0	5	0·33	13	+ 5
	Cranwell ... ¶	236	t	65	7th	36	3rd	59·1	44·4	51·2	− 4·4	6	1·08	27	+16
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	71	7th	39	3rd	60·1	46·0	52·6	− 2·0	5	0·57	15	+ 4
	Yarmouth ... ¶	13	t	66	1st	38	3rd	59·1	45·9	52·6	− 2·3	6	0·45	11	− 1
	Norwich ... ¶	93	a	71	7th	37	3rd	62·7	45·9	53·7	− 2·3	5	0·77	20	+ 7
	Geldeston ... ¶	37	a	71	7th	37	3rd	61·5	46·0	53·2	− 2·2	6	0·73	19	+ 7
Cambridge	Cambridge ¶	41	p	69	7th	35	3rd	63·7	46·1	54·3	− 2·3	5	1·42	36	+22
Hertford	Rothamsted ¶	420	a	67	7th	40	3rd	61·9	46·9	53·9	− 1·6	4	0·93	24	+ 9
Middlesex	Tottenham ¶	51	p	71	7th	43	3rd	63·6	48·7	55·6	—	4	1·66	42	—
Essex	Clacton-on-Sea ¶	55	t	64	7th	41	3rd	58·7	49·9	54·0	− 1·6	6	0·46	12	+ 2
	Southend	90	h	70	7th	44	3rd	62·6	50·6	56·2	—	4	0·83	21	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	64	7th	36	3rd	56·4	43·3	49·4	− 4·5	5	1·43	36	+21
	Sheffield	429	p	66	7th	39	3rd	58·6	46·1	51·9	—	7	0·91	23	+ 9
Derby	Buxton	987	p	63	7th	37	2nd	57·9	45·3	51·2	− 1·6	7	0·84	21	+ 1
Nottingham	Worksop(Hods'ck)¶	56	a	64	5th	36	3rd	59·9	46·3	52·6	− 3·1	6	0·57	14	+ 2
	Nottingham ¶	192	a	65	6th	38	3rd	59·9	47·3	53·2	− 2·6	6	0·85	22	+10
Warwick	Birmingham (Edg)¶	525	t	62	5, 6	43	3rd	58·6	48·4	53·1	− 2·9	4	1·37	35	+21
Northampton	Oundle ... ¶	147	a	65	6th	35	3rd	60·6	46·9	53·3	—	6	1·10	28	—
Oxford	Oxford ... ¶	208	p	66	6th	43	3rd	62·0	48·9	55·0	− 2·0	6	1·15	29	+15
Stafford	Cheadle ... ¶	646	a	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	Tenbury ... ¶	313	p	66	6th	39	3rd	60·7	48·4	54·1	− 1·5	5	1·03	26	+14
	Malvern	377	h	64	6th	43	3rd	59·3	49·4	54·0	—	5	1·04	26	—
Hereford	Hereford ... ¶	291	a	64	6th	39	3rd	59·0	48·0	53·1	− 3·4	4	0·89	23	+10
Gloucester	Clifton ... ¶	225	a	65	6th	44	3rd	59·7	50·3	54·7	− 3·5	5	0·78	20	+ 5
5. ENGLAND, S.E.															
London	Westminster ...	27	a	69	1, 7	45	3, 6	64·0	49·9	56·5	− 1·8	4	1·30	33	+19
	Greenwich ‡ ...	149	a	75	7th	42	6th	66·1	48·1	56·5	− 1·7	5	1·43	36	+21
	Hampstead ...	450	a	69	7th	41	3rd	61·9	47·3	54·1	—	5	1·53	39	—
	Camden Square ...	110	a	72	7th	44	3rd	64·4	49·3	56·3	− 3·1	5	1·32	34	+19
Surrey	Richmond (KewO)¶	18	t	72	7th	45	3, 6	64·8	49·6	56·7	− 1·0	4	1·43	36	+20
	Wisley ... ¶	150	a	71	7th	45	3, 6	63·7	48·9	55·8	− 0·9	5	1·51	38	+25
Kent	Tunbridge Wells ¶	354	h	71	7th	44	6th	61·9	48·6	54·8	1·7	5	1·67	42	+28
	Margate ... ¶	51	h	70	7th	47	3, 6	60·0	50·6	55·3	− 1·8	4	0·53	13	0
	Dungeness ¶	21	t	62	7th	49	3rd	57·4	51·0	54·0	− 2·1	6	0·37	17	+ 6
Sussex	St. Leonards ¶	178	h	67	7th	46	6th	59·1	50·2	54·3	− 2·3	5	1·04	26	+13
	Worthing	36	h	65	7th	48	3rd	60·2	51·1	55·3	—	5	1·98	50	—
I. of Wight	Ventnor ... ¶	59	a	63	7th	48	3rd	60·0	50·9	55·1	− 2·3	4	1·10	28	+14
Hampshire	Southampton ¶	64	p	63	1, 7	48	3rd	60·6	50·6	55·3	− 3·1	6	1·58	40	+25
Wiltshire	Marlborough ¶	424	a	63	1st	43	3rd	59·6	48·3	53·6	− 1·7	6	1·15	29	+12
	Porton ¶	363	a	64	2nd	49	1, 4, 7	60·9	50·4	55·3	—	5	1·17	30	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	64	7th	38	3, 4	56·1	42·6	48·9	− 5·4	6	0·73	19	+ 8
	Newton Rigg ¶	559	p	65	7th	33	3rd	57·4	40·9	48·6	− 5·3	4	0·61	15	+ 5
Lancashire	Stonyhurst ¶	377	a	63	7th	38	3rd	57·1	46·1	51·2	− 3·5	4	0·97	25	+12
	Blackpool ¶	66	h	64	7th	44	5th	58·3	49·0	53·3	− 1·6	5	0·86	22	+13
	Southport ¶	37	h	64	7th	45	5th	57·9	48·6	52·9	− 2·4	5	0·55	14	+ 5
Manchester	Whitworth Pk. ¶	125	p	65	7th	41	3rd	59·9	48·9	54·0	− 2·8	7	0·81	21	+10
Cheshire	Liverp'l (Bidston) ¶	189	a	65	6th	44	3rd	58·4	49·1	53·4	− 2·5	5	0·67	17	+ 8
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	65	6th	47	2, 5	59·6	50·1	54·5	− 2·0	6	0·30	15	+ 7
Carnarvon	Llandudno ¶	22	h	62	5, 6, 7	41	3rd	57·9	49·0	53·1	− 2·8	6	0·85	22	+13
Anglesey	Holyhead ¶	26	t	60	4, 5	45	3rd	56·3	49·0	52·4	− 2·1	5	1·39	35	+26
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	63	5th	41	3rd	59·0	48·9	53·6	—	7	1·85	47	—
Pembroke	St. Ann's Hd. ¶	150	t	59	5th	47	2, 3, 5	55·4	49·0	52·0	− 2·9	6	1·52	39	+27
Radnor	Rhayader ¶	757	a	61	6th	34	3rd	56·7	46·4	51·2	—	6	1·02	26	—
Glamorgan	Cardiff ... ¶	202	p	65	5th	44	3rd	59·1	50·1	54·3	− 2·4	6	0·85	22	+ 7
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	65	6th	44	3rd	61·0	51·1	55·7	− 1·4	5	0·84	21	+ 8
Dorset	Shaftesbury ¶	722	a	62	2nd	44	3rd	58·1	47·4	52·4	− 3·2	5	0·81	21	+ 8
	Portland Bill ¶	19	t	60	1st	49	3rd	57·1	51·3	54·0	− 2·1	3	0·33	16	+ 7
Devon	Arlington ¶	613	a	64	6th	45	3rd	59·4	49·4	54·1	− 0·9	7	1·15	29	+10
	Cullompton ¶	202	a	66	1st	47	3rd	62·1	50·4	55·8	− 1·1	4	0·58	17	+ 4
	Plymouth ¶	116	p	64	2nd	48	6th	60·9	51·9	53·1	− 1·2	4	0·46	12	0
Cornwall	Newquay ... ¶	190	h	62	3, 5, 6	48	6th	60·2	51·7	55·7	− 0·3	4	0·38	17	+ 6
	Falmouth ¶	167	h	64	2nd	50	3, 4	61·0	51·7	53·0	− 0·5	5	0·41	11	− 2
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	61	6th	41	3rd	54·3	45·4	49·5	− 3·7	4	0·33	8	− 2
Mayo	Blacksod Point ¶	10	t	64	6th	48	3rd	58·3	50·7	54·2	− 0·4	5	0·55	14	0
	Mallaranny ...	120	a	64	4th	47	2, 3	59·9	49·6	54·4	—	4	1·20	30	—
Sligo	Markree Castle ¶	122	p	66	6th	43	3rd	61·1	48·4	54·3	+0·4	6	2·26	57	+43
Armagh	Armagh ... ¶	204	p	63	5, 6	38	3rd	60·0	45·6	52·3	− 2·2	4	0·66	17	+ 5
Down	Donaghadee ¶	35	t	58	5, 6	38	3rd	54·3	45·7	49·7	− 4·1	4	0·87	22	+10
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	67	6th	46	3rd	60·6	50·0	54·9	− 1·7	4	0·67	17	+ 7
King'sCounty	Birr Castle ¶	175	t	66	6th	45	7th	62·3	50·1	55·8	+0·3	6	0·61	16	+ 4
Kilkenny	Kilkenny ¶	182	a	68	6th	47	3rd	62·7	50·6	53·2	+0·7	7	1·17	30	+18
Waterford	Waterford ¶	137	a	65	2nd	48	3rd	62·4	51·7	56·7	+0·8	7	1·50	38	+25
	Seskin, Carrick-on-Suir	542	p	67	6th	46	3rd	62·4	48·9	55·2	—	7	1·60	41	—
Limerick	Foynes ... ¶	50	a	68	7th	49	7th	64·0	51·9	57·5	+1·5	6	0·78	20	+ 7
Kerry	Cahirciveen ¶	30	t	63	3rd	50	1, 2	60·1	52·6	56·1	+0·5	5	0·66	17	0
	Killarney ¶	174	a	67	4th	47	1st	65·1	52·3	58·3	+2·4	7	1·13	29	+14
Cork	Roche's Point ¶	32	t	65	1st	49	1st	61·1	52·0	56·2	+0·5	6	1·80	46	+32
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	62	5th	50	3, 5	58·9	51·6	55·0	− 1·0	4	0·71	18	+ 6
Guernsey	Grange ... ¶	173	p	66	6th	49	3rd	60·9	51·3	55·8	− 1·4	3	0·49	12	− 1
Jersey	St. Heliers ¶	28	h	69	7th	51	1, 4, 7	63·0	51·4	56·8	− 0·8	4	0·41	10	− 4

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	2·9	− 4·7	17	0	35	—	—	—	—
Cockle Park §	5·1	− 0·7	30	4	25	50·5	− 4·6	49·2	− 2·0
Tynemouth ...	—	—	—	0	36	—	—	—	—
Durham §	3·9	− 1·6	23	3	26	—	—	—	—
Rounton ...	—	—	—	4	22	52·4	—	—	—
West Witton	—	—	—	0	31	52·3	—	48·0	—
Scarborough †§	4·9	− 0·9	29	0	36	—	—	52·3	—
York §	3·3	− 2·4	20	—	—	53·8	− 2·1	50·3	− 1·6
Spurn Head...	4·3	—	26	—	—	—	—	—	—
Lincoln ...	—	—	—	0	36	54·8	− 3·1	51·9	− 0·7
Cranwell §	4·3	− 2·1	26	1	29	—	—	—	—
Skegness §	4·9	− 1·9	29	—	—	—	—	—	—
Cromer §	5·0	− 1·4	30	—	—	—	—	—	—
Yarmouth §	6·3	—	38	0	34	57·9	− 1·9	55·7	+0·4
Norwich ...	5·6	—	34	0	34	58·4	—	—	—
Geldeston §	5·1	− 1·7	31	—	—	—	—	—	—
Cambridge §	3·8	− 2·7	23	0	33	57·5	− 1·9	54·6	− 0·3
Rothamsted §	3·8	− 2·6	23	0	33	56·6	—	—	—
Tottenham §	4·3	—	26	—	—	—	—	—	—
Clacton-on-Sea§	6·4	− 0·8	39	0	38	57·9	− 0·3	55·0	− 0·2
Southend ...	5·9	—	36	0	43	58·2	—	—	—
Harrogate §	3·7	− 2·6	22	1	30	—	—	—	—
Sheffield §	3·2	− 2·5	19	0	34	53·5	− 1·8	50·1	0·0
Buxton ...	2·8	—	17	0	41	53·1	− 1·3	48·6	− 1·0
Worksop §	3·2	− 2·3	19	1	29	55·5	—	52·0	—
Nottingham §	2·2	− 3·8	13	0	37	55·4	− 2·6	52·4	− 0·7
Birmingham §	1·7	− 3·2	11	0	34	52·3	− 0·8	48·6	− 0·6
Oundle ...	3·4	—	21	0	31	57·9	—	52·4	—
Oxford §	2·2	− 4·3	13	0	37	—	—	—	—
Cheadle ...	—	—	—	—	—	—	—	—	—
Tenbury ...	—	—	—	0	34	57·5	—	—	—
Malvern ...	2·6	—	16	0	38	59·1	—	54·9	—
Ross on Wye§	1·9	—	12	0	40	58·4	—	54·3	—
Clifton §	0·8	− 5·9	5	0	44	—	—	—	—
Westminster	3·4	− 2·2	21	0	41	—	—	—	—
Greenwich ...	4·1	− 2·3	25	0	31	—	—	—	—
Hampstead ...	4·3	—	26	0	33	—	—	—	—
Camden Square	—	—	—	0	40	57·8	—	52·4	—
Richmond § (Kew Obs.)	3·4	− 3·0	21	0	38	59·2	+0·7	54·3	+0·6
Wisley §	3·6	− 3·1	22	0	38	60·3	+1·7	54·4	+0·1
Tunbridge W'ls§	3·9	− 2·7	24	0	37	59·1	—	54·9	—
Margate §	6·3	− 0·1	39	0	42	60·3	+0·9	57·7	+2·2
Folkestone §	5·3	—	32	0	39	—	—	53·4	—
St. Leonards §	4·4	− 2·9	27	0	41	61·0	—	55·5	—
Worthing §	2·4	− 4·9	15	0	46	59·5	− 1·1	54·8	− 0·5
Ventnor §	2·7	− 4·2	17	—	—	—	—	—	—
Southampton§	3·0	− 3·9	19	0	45	—	—	—	—
Marlborough§	1·6	− 4·3	10	0	42	57·3	—	52·9	—
Porton ...	—	—	—	0	41	57·5	—	—	—
Aspatria §	4·2	− 2·9	25	0	36	52·5	− 3·5	49·0	− 1·8
Newton Rigg§	3·3	− 3·8	20	1	27	—	—	—	—
Stonyhurst §	2·4	− 4·1	14	0	33	—	—	—	—
Blackpool §	3·2	− 4·6	19	0	34	56·5	—	51·2	—
Southport §	3·5	− 4·1	21	0	39	58·9	− 0·7	56·1	+0·4
Whitworth Pk.	2·4	− 3·2	14	—	—	—	—	—	—
Oldham Road	2·1	− 3·7	13	0	38	55·6	− 1·8	52·2	− 1·6
Bidston ...	3·0	—	18	0	40	—	—	—	—
(Ches.)Hoylake§	3·3	− 4·7	20	—	—	—	—	—	—
Llandudno §	2·4	− 5·1	15	—	—	—	—	—	—
Holyhead ...	3·0	—	18	0	40	—	—	—	—
Aberystwyth§	1·3	− 5·1	8	—	—	—	—	—	—
St. Ann's Hd.§	2·7	− 4·5	17	—	—	—	—	—	—
Rhayader §	1·4	—	9	1	28	—	—	—	—
Cardiff ...	2·1	—	13	0	40	58·0	− 1·5	53·2	− 0·8
Bath ... §	1·6	− 5·1	10	—	—	58·8	—	54·4	—
Shaftesbury...	—	—	—	—	—	—	—	52·4	—
Weymouth ...	3·0	—	19	—	—	—	—	—	—
Arlington ...	—	—	—	0	42				
Cullompton §	1·7	− 4·7	11	0	42	57·9	—	—	—
Plymouth §	2·1	− 4·9	13	0	44	57·5	− 2·7	53·2	—
Newquay §	3·0	− 4·2	18	—	—	57·2	—	53·2	—
Falmouth §	3·4	− 4·0	21	0	48	59·7	—	55·9	—
Malin Head...	5·7	—	33	—	—	—	—	—	—
Mallaranny ...	3·4	—	20	—	—	—	—	—	—
MarkreeC'stle§	2·5	− 3·4	15	0	41	57·6	− 0·2	51·7	− 0·7
Armagh §	2·1	− 3·8	12	0	33	55·4	− 1·4	51·4	− 1·2
Trinity Coll.	—	—	—	0	41	56·4	− 1·1	52·5	− 1·1
Phœnix Park §	1·5	− 5·2	9	0	36	—	—	—	—
Dublin City...	—	—	—	0	39	—	—	—	—
Birr Castle §	3·1	− 2·7	19	0	37	—	—	—	—
Seskin ...	2·5	—	15	0	38	—	—	—	—
Cahirciveen (Valencia O.)§	3·3	− 3·3	20	0	45	—	—	—	—
Ballinacurra §	4·0	− 2·7	24	—	—	—	—	—	—
St. Mary's §	4·3	− 2·8	27	—	—	—	—	—	—
Grange §	4·2	− 3·3	26	0	47	60·0	− 0·3	56·1	− 0·3
St. Heliers §	4·5	− 2·8	28	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, June 7th, 1924.

District, County & Station.	Height.			Distribution of Wind. ‡‡								Extreme Velocities.								
	Above Mean Sea Level.	Above Ground.	Above Building.	More than 38 m.p.h.		25 to 38 m.p.h.		13 to 24 m.p.h.	4 to 12 m.p.h.	Less than 4 m.p.h.	No Record.	Highest Hourly Wind.					Highest Gust.				
				Dates of Occurrence.	Duration.	Dates of Occurrence.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.		Mid Time.		Speed.		Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	o	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	1, 2	36	75	43	14	0	30	35	16	1	16	44	20	1	5	40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	1, 2	23	65	70	10	0	10	27	12	1	18	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	1	9	41	106	12	0	20	27	12	1	12	40	18	1	13	30
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	24	94	45	5	50	22	10	1	8	35	16	1	7	40
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	6	105	57	0	70	15	7	1	6	34	15	1	4	50
Dumfries Eskdalemuir ...	825	50	22	—	0	1	10	30	60	68	0	20	32	15	1	9	47	21	1	8	55
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	1	8	31	67	62	0	350	31	14	1	12	43	19	1	14	15
York, E.R. Spurn Head ...	67	41	‡	—	0	1	11	62	90	5	0	310	30	13	1	18	40	18	1	16	0
Lincoln Cranwell ...	280	43	31			Instrument out of	action.														
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	1, 3	9	69	78	12	0	210	31	14	1	11	50	22	1	10	5
Essex Shoeburyness...	103	90	‡	—	0	1	10	29	86	43	0	—	31	14	1	14	47	21	1	14	30
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	14	82	72	0	220	21	9	1	13	38	17	1	13	30
Kent Lympne ...	409	70	‡	—	0	1	8	24	120	16	0	210	28	13	1	12	41	18	1	13	55
Surrey Croydon ...	284	40	24	—	0	—	0	17	122	29	0	230	21	9	1	13	38	17	1	13	0
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	15	114	37	2	220	22	10	1	11	32	14	1	11	15
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	1	5	29	103	29	2	190	26	12	1	13	41	18	1	12	5
Wiltshire Larkhill, (S'y Plain)...	513	63	43	—	0	—	0	35	(131)	(2)	0	210	23	10	1	12	31	14	1	12	15
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	1	1	32	103	32	0	360	25	11	1	8	34	15	1	8	10
Lancashire Southport ...	80	62	48	—	0	—	0	43	116	9	0	20	23	10	1	9	32	14	1	8	40
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	75	74	19	0	20	23	10	1	13	35	16	6	14	15
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	23	127	18	0	—	18	8	4	2	24	11	7	20	20
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	38	109	16	5	—	21	9	7	16	28	13	7	19	25
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	47	87	34	0	170	23	11	7	16	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	5	1	62	93	12	0	170	26	11	5	24	44	20	5	23	55
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	28	102	38	0	—	23	10	7	12	35	16	7	11	20
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	7	1	72	85	10	0	280	25	11	7	23	33	15	7	23	35

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.*			Edinburgh. Blackford Hill.			England, E. Gorleston.			London. Richmond.			North Wales. Holyhead.			England, S.W. Scilly.			Dublin. Kingstown.			Ireland, S.W. Cahirciveen.		
	Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.		Frequency.	Mean Value.	
		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s		m.p.h	m/s
South	5	9	4·1	7	6	2·9	13	13	5·9	12	7	3·0	16	9	4·1	10	9	4·1	19	9	3·9	16	8	3·5
North	22	11	5·1	16	3	1·3	7	6	2·5	5	6	2·5	9	9	4·1	12	4	2·0	6	9	3·8	8	8	3·4
West	14	6	2·5	8	6	2·6	11	7	3·0	8	7	3·3	15	4	1·8	21	8	3·7	5	6	2·9	16	7	2·9
East	11	10	4·4	13	7	3·2	13	8	3·7	8	5	2·4	7	4	1·9	4	4	1·7	20	3	1·5	9	6	2·5
Calm (or wind-speed < 4 m.p.h.)	1	—	—	4	—	—	3	—	—	8	—	—	3	—	—	0	—	—	3	—	—	3	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 12th June, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 24.

TWENTY-FOURTH WEEK.
SUNDAY, JUNE 8TH TO SATURDAY, JUNE 14TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-FOURTH WEEK of 1924—June 8th to June 14th, 1924.

DISTRICTS. See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	69	36	55·5	46·8	50·8	− 1·1	62	− 9	0	− 1	4	0	0·77	20	+ 4	2·1	− 3·6	11	1012
Eastern.																			
1. SCOTLAND, EAST ...	71	31	58·4	46·5	52·0	− 1·2	70	− 9	0	− 1	5	+ 2	0·95	24	+11	4·1	− 2·2	23	1010
2. ENGLAND, N.E. ...	67	32	60·6	48·5	54·1	− 0·3	85	− 1	0	0	4	+ 1	0·56	14	+ 4	4·2	− 2·2	25	1011
3. ENGLAND, EAST ...	68	42	61·8	51·4	56·2	+0·5	99	+ 3	0	0	5	+ 2	0·56	14	+ 2	3·5	− 3·2	21	1012
4. MIDLAND COUNTIES	68	33	62·3	49·1	55·3	− 0·5	93	− 4	0	0	5	+ 2	0·73	19	+ 9	5·1	− 1·3	31	1012
5. ENGLAND, S.E. ...	66	34	61·6	50·7	55·8	− 0·9	97	− 6	0	0	5	+ 2	0·79	20	+10	5·4	− 1·7	33	1013
Western.																			
6. SCOTLAND, WEST[1] ...	71	34	60·0	47·5	53·3	− 1·3	79	− 10	0	0	5	+ 2	0·73	19	+ 2	4·7	− 1·9	27	1010
7. ENGLAND, N.W.[2] ...	67	34	60·3	48·9	54·2	− 1·3	85	− 9	0	0	4	+ 1	0·64	16	+ 4	5·2	− 1·9	31	1011
8. ENGLAND, S.W.[3] ...	68	33	61·1	50·3	55·3	− 0·8	93	− 6	0	0	4	+ 1	1·12	28	+14	6·5	− 0·7	40	1013
9. IRELAND, NORTH ...	67	44	59·6	49·6	54·3	− 0·3	86	− 3	0	0	5	+ 1	0·75	19	+ 4	2·8	− 3·2	16	1010
10. IRELAND, SOUTH ...	69	46	61·8	50·4	55·7	− 0·5	96	− 4	0	0	4	+ 1	0·89	23	+11	3·7	− 2·5	22	1012
11. CHANNEL ISLANDS[4]	65	47	60·5	52·1	56·1	− 1·0	99	− 7	0	0	4	+ 1	0·63	16	+ 8	7·1	− 1·2	43	1015
MEAN: DISTRICTS 1-10	71	31	60·7	49·3	54·6	− 0·7	88	− 5	0	0	5	+ 1	0·77	20	+ 7	4·5	− 2·1	27	1011

THE SEASON (Summer).—Aggregates, &c., for the Period of 2 Weeks, June 1st to June 14th, 1924.

0. SCOTLAND, NORTH...	70	31	54·8	43·7	48·9	− 2·6	100	− 33	4	+ 3	8	+ 1	1·14	29	+ 1	4·3	− 1·3	24	1014
Eastern.																			
1. SCOTLAND, EAST ...	71	29	56·4	43·2	49·3	− 3·5	109	− 45	6	+ 5	9	+ 3	1·47	37	+15	5·0	− 1·2	28	1013
2. ENGLAND, N.E. ...	69	32	58·7	46·1	51·9	− 2·2	139	− 29	0	0	9	+ 3	1·54	39	+18	4·3	− 2·0	25	1013
3. ENGLAND, EAST ...	71	35	61·6	49·3	54·9	− 0·9	181	− 12	0	0	10	+ 4	1·43	36	+11	4·2	− 2·5	26	1015
4. MIDLAND COUNTIES	68	33	60·9	48·3	54·3	− 1·6	171	− 23	0	0	10	+ 4	1·75	45	+21	3·7	− 2·5	22	1014
5. ENGLAND, S.E. ...	72	34	61·2	50·3	55·4	− 1·4	188	− 19	0	0	10	+ 4	1·98	50	+26	4·5	− 2·5	28	1015
Western.																			
6. SCOTLAND, WEST[1] ...	71	30	59·1	45·3	51·7	− 2·6	136	− 41	0	0	9	+ 3	1·57	40	+11	4·9	− 1·6	29	1013
7. ENGLAND, N.W.[2] ...	67	33	59·1	48·1	53·1	− 2·2	156	− 29	0	0	9	+ 3	1·46	37	+15	4·1	− 2·9	24	1013
8. ENGLAND, S.W.[3] ...	68	33	60·1	50·1	54·7	− 1·4	178	− 20	0	0	9	+ 3	1·93	49	+21	4·3	− 2·7	27	1015
9. IRELAND, NORTH ...	67	38	59·0	48·7	53·5	− 0·9	160	− 14	0	0	10	+ 3	1·63	41	+13	2·5	− 3·4	15	1012
10. IRELAND, SOUTH ...	69	45	62·1	50·9	56·1	+0·1	197	0	0	0	10	+ 4	1·93	49	+23	3·4	− 2·9	20	1013
11. CHANNEL ISLANDS[4]	69	47	60·7	51·7	55·9	− 1·0	196	− 13	0	0	8	+ 2	1·16	29	+ 8	5·7	− 2·1	35	1016
MEAN: DISTRICTS 1-10	72	29	59·8	48·0	53·5	− 1·7	161	− 23	1	+ 1	9	+ 3	1·67	42	+17	4·1	− 2·2	24	1014

THE YEAR. Aggregates, &c., for the Period of 24 Weeks, December 30th, 1923, to June 14th, 1924.

0. SCOTLAND, NORTH...	71	12	47·2	37·1	42·0	− 0·2	444	−104	448	− 68	103	− 8	18·09	460	− 98	2·9	− 0·5	23	1010
Eastern.																			
1. SCOTLAND, EAST ...	71	2	47·0	35·4	41·0	− 1·3	443	−184	608	+24	100	+ 6	11·94	304	− 11	3·1	− 0·8	25	1011
2. ENGLAND, N.E. ...	73	16	48·6	36·9	42·6	− 0·9	619	− 84	516	+66	80	− 6	11·14	282	+39	3·5	− 0·6	28	1013
3. ENGLAND, EAST ...	78	18	50·1	38·2	44·0	− 0·3	806	− 41	476	+ 9	85	+ 1	11·91	301	+60	4·0	− 0·4	33	1014
4. MIDLAND COUNTIES	75	15	50·4	37·1	43·5	− 0·7	773	− 91	516	+22	86	+ 3	13·57	344	+72	3·3	− 0·6	27	1013
5. ENGLAND, S.E. ...	77	17	50·9	39·0	44·8	− 0·7	869	− 67	398	+41	84	+ 2	13·62	346	+73	4·3	− 0·2	35	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	15	49·0	37·1	42·9	− 1·1	595	−137	453	+63	97	− 3	17·21	435	− 51	3·4	− 0·6	27	1012
7. ENGLAND, N.W.[2] ...	74	21	49·5	39·0	44·0	− 0·5	705	− 74	366	+ 6	93	+ 4	13·83	350	+ 9	3·7	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	75	14	50·7	39·8	45·1	− 0·7	830	− 84	309	+25	90	+ 1	17·51	442	+50	4·0	− 0·4	32	1013
9. IRELAND, NORTH ...	72	18	50·2	39·4	44·7	− 0·1	733	− 57	287	− 26	108	0	16·07	408	+15	3·5	− 0·3	28	1011
10. IRELAND, SOUTH ...	72	21	52·0	40·7	46·2	− 0·2	932	− 40	226	− 16	100	+ 4	16·98	430	+ 8	3·6	− 0·6	29	1012
11. CHANNEL ISLANDS[4]	77	30	52·2	43·9	47·9	− 0·2	1080	− 43	88	− 12	94	− 1	14·91	380	+54	4·7	− 0·4	38	1014
MEAN: DISTRICTS 1-10	78	2	49·8	38·3	43·9	− 0·7	731	− 86	415	+21	92	+ 1	14·38	364	+26	3·6	− 0·5	29	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Moderate	Heavy	Moderate	Moderate	Heavy	Heavy	Moderate	Moderate	Heavy	Moderate	Heavy	Heavy
	Sunshine ..	Very Scanty	Scanty	Scanty	Very Scanty	Scanty	Scanty	Scanty	Scanty	Moderate	Very Scanty	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 2 weeks from June 1st, 1924	Warmth ..	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 1, 1	0, 2, 0	0, 2, 0	0, 2, 0
	Rainfall ..	0, 2, 0	1, 1, 0	1, 1, 0	1, 1, 0	2, 0, 0	2, 0, 0	1, 1, 0	1, 1, 0	2, 0, 0	1, 1, 0	2, 0, 0	1, 1, 0
	Sunshine ..	1, 0, 1	0 1, 1	0, 0, 2	0, 0, 2	0 0 2	0, 0, 2	0, 0, 2	0, 0, 2	0, 1, 1	0, 0, 2	0, 0 2	0, 1, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

During the first five days of the week there was a continuance of the unsettled conditions which have prevailed for the past few weeks and thunderstorms occurred in many parts of the country. On the last two days of the week there was a marked improvement, and in most parts of our Islands the weather was fair or fine, and dry, with good sunshine records. The highest of the maximum temperatures, 71°F., was registered at Gordon Castle (Elgin) and at Kilmarnock (Ayr) on the 14th, but at one or two of our western and extreme northern stations the highest temperatures of the week did not reach 60°F. The lowest of the screen minima occurred on the 14th in most parts of our Islands, and in a few places readings of about 32°F. were recorded. In several parts of the country grass temperatures below 30°F. were registered, the lowest reading being 24°F. at Durham. The mean temperature for the week did not differ much from the normal, the average deviation for the country, as a whole, being less than 1°F. The largest amounts of rainfall which were recorded on the 11th were :—31mm. at Clifton (Gloucester), 27mm. at Arlington (Devon), 24mm. at Gordon Castle (Elgin) and 20mm. at Cullompton (Devon). The total amount of rainfall for the week was in excess of the normal in all Districts. Several sunshine records of between 14 hrs. and 15 hrs. were registered either on the 13th or 14th, but the total amount for the week was below the normal in nearly all parts of our Islands. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·1 hr. at Ventnor to −5·1 hrs. at Stornoway. Solar halos were observed at South Farnborough and Richmond (Kew Observatory) on the 10th, at St. Leonards on the 9th and 10th, at Dublin on the 13th and 14th, at Aberdeen on the 14th and at Oxford on the 9th, 10th, 11th and 12th. The halo at Oxford on the 12th was accompanied by a parhelion.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1903.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	52	9th	41	14th	50·1	45·1	47·4	− 1·2	5	0·57	15
Orkneys	Deerness	180	p	58	8th	41	9th	51·9	43·0	47·1	− 2·7	5	0·48	12
Hebrides	Stornoway ¶	51	t	60	8th	43	13th	53·6	47·1	50·1	− 1·4	4	0·42	11
	Castlebay	37	t	60	11th	46	13th	54·7	49·3	51·8	—	5	0·39	10
Caithness	Wick ... ¶	81	t	55	14th	45	13, 14	49·9	46·1	47·9	− 2·9	3	0·41	10
Ross and Cromarty	Strathpeffer ¶	125	a	69	14th	37	14th	58·7	47·4	52·7	− 1·1	5	0·62	16
	Achnashellach ¶	225	h	62	14th	33	13th	58·9	47·8	52·9	—	4	1·50	38
Inverness	Inverness	242	h	66	14th	33	14th	53·4	43·4	51·1	—	5	1·10	28
	Fort Augustus ¶	68	a	63	14th	33	14th	59·0	43·3	52·2	− 1·0	5	0·82	21
	Onich ... ¶	48	h	62	11th	40	14th	53·3	47·9	52·7	—	5	1·06	27
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	69	14th	37	14th	55·7	47·0	51·1	− 2·0	6	1·01	23
Elgin	Gordon Castle ¶	101	p	71	14th	40	14th	58·3	45·9	51·7	− 1·7	6	1·55	39
Aberdeen	Aberdeen ... ¶	43	t	61	11th	38	14th	55·0	43·7	50·6	—	6	0·74	19
	Balmoral ... ¶	930	a	69	14th	35	14th	58·6	44·7	51·2	− 0·3	5	0·63	17
Perth	Crieff ... ¶	473	p	67	9th	37	14th	62·0	43·3	53·6	− 1·2	4	0·40	10
Forfar	Dundee	147	a	70	14th	40	13, 14	62·0	48·0	54·5	—	5	0·64	16
Fife	Inchkeith ... ¶	190	t	66	14th	42	14th	57·9	48·0	52·3	—	5	0·55	14
Midlothian	Edinburgh ...	441	p	67	14th	40	14th	59·0	47·9	53·1	+0·1	5	0·98	25
Peebles	West Linton ¶	770	a	65	14th	31	14th	60·0	46·3	52·7	+1·4	6	1·27	32
Berwick	Marchmont ¶	493	a	66	14th	37	14th	59·4	47·1	52·8	0·0	5	1·33	35
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	63	11th	39	14th	59·6	43·9	52·8	—	6	1·25	32
Renfrew	Renfrew ... ¶	36	t	65	14th	34	13th	60·4	48·4	52·9	—	6	0·51	13
Bute	Rothesay ... ¶	200	p	63	14th	41	13th	59·9	47·6	53·3	− 1·5	5	0·74	19
Ayr	Kilmarnock ¶	90	a	71	14th	36	13th	62·9	48·0	54·9	+0·8	6	1·18	30
	Colmonell... ¶	170	a	64	14th	40	13th	60·1	47·6	53·4	− 0·1	5	0·65	17
Dumfries	Dumfries ... ¶	140	p	63	11th	37	14th	60·0	47·4	53·3	− 2·5	4	0·31	8
	Eskdalemuir ...	794	t	61	14th	30	14th	57·1	44·7	50·5	—	5	1·05	27

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	3·1	—	16	—	—	—	—	—	—
Deerness §	2·5	− 3·3	14	—	—	—	—	—	—
Stornoway §	1·4	− 5·1	8	—	—	—	—	—	—
Castlebay ...	4·9	—	28	—	—	—	—	—	—
Achnashellach	—	—	—	1	30	—	—	—	—
Inverness §	2·3	—	13	0	32	—	—	—	—
Onich ...	4·0	—	23	0	34	—	—	—	—
Nairn §	2·3	—	13	—	—	—	—	—	—
Gordon Castle	2·6	—	15	—	—	—	—	—	—
Aberdeen §	3·9	− 2·5	22	0	34	—	—	48·0	− 2·2
Balmoral ...	—	—	—	0	32	—	—	—	—
(Kinc.)Crathes §	4·1	− 2·1	23	0	31	52·4	—	46·8	—
Dundee §	4·7	—	27	0	35	54·1	—	—	—
Inchkeith ...	5·9	—	34	0	34	—	—	—	—
Edinburgh §	4·5	− 1·9	26	0	33	—	—	—	—
West Linton...	—	—	—	1	28	—	—	—	—
Marchmont §	5·2	− 1·3	30	—	—	—	—	—	—
Ford ...	—	—	—	0	35	55·1	—	51·1	—
Renfrew ...	3·5	—	20	2	25	—	—	—	—
Rothesay §	4·9	− 0·8	28	0	33	56·7	—	51·4	− 0·9
Kilmarnock ...	3·9	—	23	—	—	55·6	—	50·4	—
Colmonell ...	—	—	—	0	35	—	—	—	—
Dumfries ...	4·9	—	28	1	30	55·7	− 2·7	51·3	− 3·2
Eskdalemuir §	3·8	− 2·5	22	1	28	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
*h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
*a " " " " " " " " " " " 24 hourly periods ending at 9h.
*p " " " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	62	12th	43	14th	57·4	48·6	52·7	− 1·6	5	0·48	12	− 2
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	66	8th	33	14th	61·1	45·1	52·5	+0·5	5	0·34	16	+ 4
	Tynemouth ¶	118	t	66	9th	39	14th	58·1	49·0	53·2	+0·2	5	0·64	16	+ 6
Durham	Durham ... ¶	335	p	67	9th	32	14th	60·4	46·1	52·8	− 1·1	4	0·49	12	+ 2
York,	Rounton ... ¶	249	p	67	9, 14	34	14th	61·3	46·4	53·3	− 0·2	5	0·91	23	+12
N. Riding	West Witton ...	605	a	67	14th	34	14th	61·1	47·9	54·0	—	4	0·18	5	—
	Scarborough ¶	118	h	67	14th	45	14th	59·4	49·9	54·3	0·0	3	0·55	14	+ 4
	York ... ¶	56	p	65	14th	40	14th	62·0	50·2	55·7	− 0·5	4	0·13	4	− 7
E. Riding	Spurn Head ¶	26	t	64	14th	43	13, 14	58·3	50·3	54·0	− 0·6	5	0·32	16	+ 8
Lincoln	Lincoln ... ¶	58	a	65	14th	44	14th	63·3	50·3	56·4	− 0·5	4	0·51	13	+ 2
	Cranwell ... ¶	236	t	64	10th	43	14th	61·7	49·3	55·1	− 1·2	5	0·54	14	+ 4
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	66	9th	45	14th	61·3	49·9	55·2	+0·9	5	0·29	7	− 3
	Yarmouth ... ¶	13	t	67	10th	43	14th	61·3	51·9	56·3	+1·5	6	0·59	15	+ 4
	Norwich ... ¶	93	a	67	10, 12	43	14th	62·6	51·3	56·6	+0·9	6	0·55	14	+ 2
	Geldeston ... ¶	37	a	67	10th	45	14th	61·8	51·6	56·3	+1·1	5	0·59	15	+ 4
Cambridge	Cambridge ¶	41	p	63	10th	45	14th	63·4	50·4	56·5	+0·1	5	0·50	13	0
Hertford	Rothamsted ¶	420	a	62	8,10,12	42	14th	60·3	50·0	54·8	− 0·5	5	0·83	22	+ 9
Middlesex	Tottenham ¶	51	p	67	10th	45	14th	62·1	52·6	57·0	—	5	0·84	21	—
Essex	Clacton-on-Sea ¶	55	t	63	8, 10	45	14th	61·4	53·4	57·1	+1·7	4	0·27	7	− 3
	Southend	90	h	68	10th	46	14th	62·7	53·0	57·5	—	4	0·42	11	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	65	14th	38	14th	59·9	48·0	53·5	− 0·4	4	0·13	5	− 7
W. Riding	Sheffield	429	p	64	9th	41	14th	61·0	49·3	54·7	—	4	0·55	14	+ 3
Derby	Buxton	987	p	65	14th	33	14th	59·7	46·0	52·4	− 0·3	5	1·13	29	+14
Nottingham	Worksop(Ho.ls'ck)¶	56	a	66	8th	37	14th	63·9	48·9	55·9	+0·3	4	0·37	9	0
	Nottingham ¶	192	a	66	11th	41	14th	62·3	50·0	55·7	0·0	5	0·47	12	+ 3
Warwick	Birmingham (Edg)¶	525	t	65	14th	40	14th	61·6	48·9	54·8	− 1·1	5	0·51	13	+ 2
Northampton	Oundle ... ¶	147	a	65	8, 10	44	14th	62·3	50·4	55·9	—	5	0·47	12	—
Oxford	Oxford ... ¶	208	p	65	12th	38	14th	62·7	50·1	56·0	− 0·9	5	1·12	28	+17
Stafford	Cheadle ... ¶	643	a	64	14th	36	14th	60·9	46·9	53·4	− 1·2	5	1·08	27	+15
Worcester	Tenbury ... ¶	313	p	67	14th	33	14th	63·9	48·3	55·7	+0·2	4	0·51	13	+ 3
	Malvern	377	h	67	14th	41	14th	62·0	49·6	55·4	—	5	1·00	25	—
Hereford	Hereford ... ¶	291	a	68	14th	33	14th	63·7	48·7	55·7	− 0·3	5	0·39	10	0
Gloucester	Clifton ... ¶	225	a	67	14th	42	14th	62·1	50·6	56·0	− 2·0	4	2·17	55	+43
5. ENGLAND, S.E.															
London	Westminster ...	27	a	66	9th	45	14th	62·7	52·6	57·3	− 0·8	5	0·84	21	+11
	Greenwich ‡ ...	149	a	69	10th	45	14th	64·7	51·7	57·8	− 0·3	5	0·55	14	+ 3
	Hampstead ...	450	a	64	8, 9, 10	42	14th	61·4	49·7	55·1	—	5	1·30	33	—
	Camden Square ...	110	a	67	10th	45	14th	63·4	52·3	57·5	− 1·8	5	1·03	27	+13
Surrey	Richmond(KewO)¶	18	t	66	8, 9, 10	44	14th	63·7	52·5	57·7	+0·1	5	0·93	24	+12
	Wisley ... ¶	150	a	66	8, 12	41	14th	63·1	50·9	56·6	+0·1	4	1·17	30	+20
Kent	Tunbridge Wells¶	354	h	66	9th	44	14th	62·0	50·9	56·1	− 0·2	4	0·70	18	+ 8
	Margate ... ¶	51	h	65	8–12	47	14th	62·0	52·6	57·3	+0·4	5	0·83	22	+12
	Dungeness ¶	21	t	60	8, 9 12	43	14th	58·4	51·6	54·8	− 1·1	4	0·48	12	+ 3
Sussex	St. Leonards ¶	178	h	62	8, 9	45	14th	59·6	51·5	55·3	− 1·1	5	0·54	14	+ 4
	Worthing	38	h	62	9,10,12	43	14th	60·0	52·0	55·7	—	4	0·60	15	—
I. of Wight	Ventnor ... ¶	59	a	63	12th	40	14th	59·7	50·9	55·0	− 2·1	4	0·51	13	+ 3
Hampshire	Southampton ¶	64	p	66	8, 9	40	14th	63·1	50·3	56·3	− 1·9	5	0·71	18	+ 7
Wiltshire	Marlborough ¶	424	a	64	9th	34	14th	61·9	48·7	54·8	− 0·3	5	1·03	26	+13
	Porton ¶	363	a	65	9, 14	34	14th	62·3	47·3	54·3	—	5	0·93	24	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	62	14th	38	14th	58·0	46·7	52·0	− 2·9	6	0·48	12	− 1
	Newton Rigg ¶	559	p	63	14th	34	14th	60·3	46·0	52·7	− 1·8	5	0·28	7	− 4
Lancashire	Stonyhurst ¶	377	a	64	14th	33	14th	60·0	48·6	53·9	− 1·3	4	0·52	13	− 3
	Blackpool ¶	66	h	65	11th	40	14th	60·6	50·0	54·9	− 0·5	3	0·48	12	+ 1
	Southport ¶	37	h	64	12th	40	14th	60·6	49·2	54·5	− 1·3	4	0·37	9	− 2
Manchester	Whitworth Pk. ¶	125	p	66	14th	40	14th	62·0	49·7	55·4	− 1·9	5	0·94	24	+10
Cheshire	Liverp'l (Bidston) ¶	189	a	63	14th	43	14th	60·7	49·3	54·6	− 1·8	5	0·92	23	+12
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	67	14th	42	14th	62·7	50·0	55·9	− 1·1	5	1·02	26	+16
Carnarvon	Llandudno ¶	22	h	62	11, 14	41	14th	60·4	50·3	55·0	− 1·4	4	0·67	17	+ 6
Anglesey	Holyhead ¶	26	t	60	14th	45	14th	57·7	49·6	53·4	− 1·5	3	0·55	14	+ 3
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	62	12, 14	44	14th	59·3	51·0	54·9	—	4	1·05	27	—
Pembroke	St. Ann's Hd. ¶	150	t	60	12th	45	14th	57·0	50·1	53·3	− 1·5	3	0·33	16	+ 5
Radnor	Rhayader ¶	757	a	66	14th	33	14th	60·3	46·4	52·9	—	5	0·54	14	—
Glamorgan	Cardiff ... ¶	202	p	66	14th	41	14th	61·9	50·6	55·9	− 0·8	5	1·35	34	+19
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	68	h	67	14th	39	14th	63·9	51·3	57·2	+0·1	4	1·39	35	+22
Dorset	Shaftesbury ¶	722	a	68	13th	48	8, 14	61·7	49·8	55·2	− 0·4	5	0·93	23	+19
	Portland Bill ¶	19	t	59	12th	50	14th	56·6	52·6	54·5	− 1·5	4	0·37	17	+ 8
Devon	Arlington ¶	613	a	65	14th	44	14th	61·1	49·8	55·1	+0·1	4	1·81	43	+27
	Cullompton ¶	202	a	67	9, 14	41	14th	64·1	49·6	56·4	− 0·5	4	2·09	53	+41
	Plymouth ¶	116	p	64	8.12,13	48	14th	61·9	52·0	56·6	− 0·7	3	0·79	20	+ 8
Cornwall	Newquay ...	190	h	62	9, 10	52	10, 14	59·8	52·7	53·0	+0·1	3	1·33	23	+14
	Falmouth ¶	167	h	65	14th	47	14th	62·1	51·0	53·2	− 0·2	3	0·33	25	+12
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	59	14th	46	14th	53·3	49·3	52·6	− 0·9	5	0·39	17	+ 5
Mayo	Blacksod Point ¶	10	t	59	13th	50	14th	57·3	51·6	54·3	− 0·7	6	1·21	31	+16
	Mallaranny ...	120	a	63	12th	47	14th	60·4	50·0	54·8	—	5	1·94	49	—
Sligo	Markree Castle ¶	122	p	63	12, 13	44	13, 14	61·3	48·1	54·2	− 0·1	6	0·82	21	+ 5
Armagh	Armagh ... ¶	204	p	66	14th	46	13, 14	61·4	49·3	54·9	− 0·1	6	0·35	16	+ 2
Down	Donaghadee ¶	35	t	62	8, 14	46	13, 14	59·0	49·4	53·9	− 0·3	5	0·37	9	− 4
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	69	14th	46	14th	62·3	50·6	56·0	− 1·1	4	0·93	25	+16
King'sCounty	Birr Castle ¶	175	t	67	14th	46	11th	62·1	50·0	55·6	− 0·1	3	0·79	20	+ 9
Kilkenny	Kilkenny ¶	182	a	68	14th	46	14th	64·4	49·7	56·5	+0·6	4	0·85	22	+11
Waterford	Waterford ¶	137	a	68	8, 10	46	14th	64·1	50·3	56·7	+0·3	4	0·78	20	+ 8
	Seskin, Carrick-on-Suir	542	p	66	14th	45	14th	62·0	48·7	54·9	—	4	1·32	34	—
Limerick	Foynes ... ¶	50	a	68	14th	46	14th	62·4	49·7	55·6	− 0·7	4	0·73	20	+ 8
Kerry	Cahirciveen ¶	30	t	60	9, 10	43	14th	58·4	51·3	54·8	− 1·3	4	1·40	35	+20
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	63	8, 13	47	9th	59·7	50·7	54·9	− 1·2	5	0·56	14	+ 2
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	61	9, 14	48	14th	59·1	51·4	55·0	− 1·3	4	0·99	25	+17
Guernsey	Grange ... ¶	173	p	65	9th	47	14th	61·1	51·7	56·1	− 1·4	4	0·57	15	+ 7
Jersey	St. Heliers ¶	28	h	64	12th	43	14th	61·4	53·3	57·1	− 0·3	3	0·32	8	− 2

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine, Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	5·3	− 2·5	31	0	37	—	—	—	—
Cockle Park §	4·7	− 1·4	27	1	25	53·9	− 2·0	50·4	− 1·8
Tynemouth ...	—	—	—	0	35	—	—	—	—
Durham §	3·9	− 2·0	23	1	24	—	—	—	—
Rounton ...	—	—	—	1	25	54·7	—	—	—
West Witton	—	—	—	0	31	55·0	—	48·7	—
Scarborough †§	3·1	− 2·8	18	0	43	—	—	53·0	—
York §	4·4	− 1·6	26	—	—	55·6	− 1·3	51·2	− 1·7
Spurn Head...	4·0	—	23	—	—	—	—	—	—
Lincoln ...	—	—	—	0	43	57·8	− 1·1	52·6	− 1·2
Cranwell §	4·7	− 2·0	28	0	37	—	—	—	—
Skegness §	4·4	− 2·9	26	—	—	—	—	—	—
Cromer §	2·9	− 3·4	17	—	—	—	—	—	—
Yarmouth §	3·4	—	21	0	43	59·1	− 1·8	55·9	− 0·4
Norwich ...	3·3	—	20	0	44	60·1	—	—	—
Geldeston §	2·1	− 4·7	12	—	—	—	—	—	—
Cambridge §	3·4	− 3·2	21	0	44	60·0	− 0·3	55·4	− 0·4
Rothamsted §	4·6	− 1·9	28	0	38	57·0	—	—	—
Tottenham §	4·5	—	27	—	—	—	—	—	—
Clacton-on-Sea§	3·8	− 3·4	23	0	45	58·8	− 0·3	55·6	− 0·4
Southend ...	3·7	—	22	0	45	58·9	—	—	—
Harrogate §	5·1	− 1·6	30	1	30	53·8	− 1·1	51·1	− 1·6
Sheffield §	5·4	− 0·5	32	0	37	56·3	0·0	51·2	+0·1
Buxton ...	4·8	—	28	0	35	54·3	− 2·2	49·7	− 0·9
Worksop §	4·0	− 1·7	23	0	31	57·3	—	52·9	—
Nottingham §	4·0	− 2·1	24	0	37	56·7	− 2·1	53·3	− 0·9
Birmingham §	5·2	0·0	31	1	29	52·9	− 0·8	49·2	− 0·7
Oundle ...	4·8	—	29	0	43	59·4	—	53·6	—
Oxford §	6·2	− 0·5	38	0	31	—	—	—	—
Cheadle ...	—	—	—	0	32	—	—	—	—
Tenbury ...	—	—	—	1	30	57·7	—	—	—
Malvern ...	5·3	—	32	0	32	59·2	—	55·3	—
Ross on Wye §	5·7	—	34	0	33	58·3	—	54·0	—
Clifton §	5·2	− 1·7	31	0	41	—	—	—	—
Westminster	4·2	− 1·5	26	0	44	—	—	—	—
Greenwich ...	4·0	− 2·6	24	0	40	—	—	—	—
Hampstead ...	4·4	—	27	0	35	—	—	—	—
Camden Square	—	—	—	0	41	58·0	—	53·0	—
Richmond § (Kew Obs.)	4·5	− 2·0	27	0	41	59·7	+0·4	55·0	+0·4
Wisley §	5·5	− 1·3	33	0	34	61·0	+1·5	55·1	− 0·1
Tunbridge W'ls§	4·0	− 2·7	25	0	40	59·9	—	55·7	—
Margate §	3·6	− 2·7	23	0	46	60·5	+0·2	58·2	+1·6
Folkestone §	4·8	—	29	0	43	—	—	54·7	—
St. Leonards §	4·7	− 2·8	28	0	44	61·9	—	56·1	—
Worthing §	5·9	− 1·7	35	0	39	60·4	− 1·0	55·5	− 0·8
Ventnor §	8·2	+1·1	50	—	—	—	—	—	—
Southampton§	7·7	+0·7	47	—	—	—	—	—	—
Marlborough§	5·2	− 0·8	32	0	36	58·4	—	53·6	—
Porton ...	5·5	—	33	0	32	57·9	—	—	—
Aspatria §	4·2	− 3·3	24	0	37	53·6	− 3·1	49·7	− 2·0
Newton Rigg§	4·6	− 2·9	27	1	29	—	—	—	—
Stonyhurst §	5·0	− 1·7	30	0	34	—	—	—	—
Blackpool §	5·2	− 2·9	30	0	31	57·0	—	51·8	—
Southport §	5·4	− 2·5	32	0	35	59·9	− 0·8	56·6	− 0·2
Whitworth Pk.	4·5	− 1·4	27	—	—	—	—	—	—
Oldham Road	4·4	− 1·8	26	0	34	57·0	− 1·3	53·3	− 1·6
Bidston ...	5·3	—	31	0	39	—	—	—	—
(Ches.)Hoylake§	5·3	− 1·6	34	—	—	—	—	—	—
Llandudno §	5·8	− 2·1	34	—	—	—	—	—	—
Holyhead ...	5·3	—	31	0	35	—	—	—	—
Aberystwyth§	6·0	− 0·8	36	—	—	—	—	—	—
St. Ann's Hd.§	7·2	− 0·5	43	—	—	—	—	—	—
Rhayader §	4·8	—	29	1	27	—	—	—	—
Cardiff ...	5·8	—	35	0	37	58·3	− 1·8	53·9	− 1·2
Bath ... §	5·7	− 1·4	35	—	—	59·4	—	55·3	—
Shaftesbury...	—	—	—	—	—	—	—	53·1	—
Weymouth ...	7·0	—	43	—	—	—	—	—	—
Arlington ...	—	—	—	0	42				
Cullompton §	4·5	− 2·3	28	0	37	57·9	—	—	—
Plymouth §	7·3	+0·1	43	0	45	57·9	− 3·0	53·9	—
Newquay §	8·0	+0·3	49	—	—	58·1	—	54·2	—
Falmouth §	8·5	+0·7	52	0	41	59·7	—	57·2	—
Malin Head...	4·1	—	24	—	—	—	—	—	—
Mallaranny ...	1·1	—	6	—	—	—	—	—	—
MarkreeC'stle§	2·0	− 3·9	12	0	38	57·5	− 1·0	52·6	− 0·6
Armagh §	3·5	− 2·5	21	0	40	56·0	− 1·5	52·2	− 1·3
Trinity Coll.	—	—	—	0	43	57·2	− 1·2	53·5	− 1·0
Phœnix Park §	3·6	− 3·0	21	0	35	—	—	—	—
Dublin City ...	—	—	—	0	40	—	—	—	—
Birr Castle §	3·7	− 2·0	22	0	39	—	—	—	—
Seskin ...	5·1	—	30	0	32	—	—	—	—
Cahirciveen (Valencia O.)§	2·7	− 3·8	17	0	39	—	—	—	—
Ballinacurra §	4·9	− 1·7	30	—	—	—	—	—	—
St. Mary's §	6·7	− 1·4	41	—	—	—	—	—	—
Grange §	7·9	− 0·5	48	0	43	61·4	+0·5	57·1	− 0·2
St. Heliers §	6·6	− 1·6	41	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, June 14th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	11, 12	22	52	64	30	0	40	33	15	12	10	44	20	12	10	25
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	12	11	65	80	12	0	30	29	13	12	9	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	12	2	46	97	23	0	30	26	11	12	13	37	17	12	12	40
Edinburgh Edinburgh ...	485	39	31	—	0	12	1	52	80	35	0	30	25	11	12	16	40	18	12	15	50
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	6	110	52	0	40	15	7	12	15	38	17	12	14	50
Dumfries Eskdalemuir ...	825	50	22	—	0	12	6	49	83	29	1	20	32	15	12	21	49	22	12	19	25
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	55	93	20	0	360	23	10	12	22	34	15	13	2	40
York, E.R. Spurn Head ...	67	41	‡	—	0	13	17	90	57	4	0	360	31	14	13	7	41	18	13	6	25
Lincoln Cranwell ...	280	43	31			Instrument out of	action.														
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	11, 13	6	49	99	14	0	180	27	12	11	14	37	17	13	11	40
Essex Shoeburyness...	103	90	‡	—	0	11	1	68	81	17	1	—	25	11	11	11	40	18	8	13	55
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	36	115	17	0	220	17	8	10	15	37	16	8	17	55
Kent Lympne ...	409	70	‡	—	0	—	0	86	74	8	0	350	24	11	13	18	40	18	11	13	30
Surrey Croydon ...	284	40	24	—	0	—	0	53	104	11	0	220	19	9	11	8	34	15	11	15	25
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	72	87	9	0	270	19	9	8	17	33	15	11	6	50
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	8, 10	6	101	49	11	1	240	28	13	8	14	41	18	8	14	45
Wiltshire Larkhill, (S'y Plain)...	513	63	43	—	0	—	0	77	(86)	(0)	5	260	23	10	8	9	33	15	8	9	25
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	8, 10, 12, 13	9	73	70	16	0	10	32	14	12	24	40	18	13	0	35
Lancashire Southport ...	80	62	48	—	0	8, 9, 10	8	73	84	3	0	260	29	13	8	8	39	17	8	7	25
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	10, 12, 13	8	118	30	12	0	30	30	13	12	21	40	18	10	16	38
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	10, 11	4	83	72	9	0	—	26	12	10	22	38	17	12	16	10
Cornwall Pendennis Castle§...	256	65	24	—	0	10, 11	14	93	47	14	0	0	29	13	10	22	40	18	11	13	50
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	8	15	55	82	16	0	250	33	15	8	3 / 4	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	8, 10	7	90	54	17	0	—	28	13	10	16	40	18	10	15	25
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	10, 11, 12	11	109	40	8	0	210	28	13	10	14	45	20	10	13	35
Cork Weaver Pt. ...	160	30	‡	—	0	10	3	83	49	28	0	—	23	13	10	14	44	20	10	14	10
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	10 to 12	30	97	37	4	0	90	33	15	12	7	39	17	12	7	55

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	6	3	1·5	9	6	2·6	13	9	4·1	18	7	3·1	16	11	4·9	9	11	4·7	17	13	5·9	17	12	5·4
North	17	11	5·0	10	7	3·0	7	16	7·2	7	9	4·1	10	11	5·0	14	10	4·4	7	10	4·6	9	12	5·3
West	6	5	2·2	14	10	4·5	15	6	2·9	20	6	2·6	19	9	4·0	21	11	5.0	11	8	3·4	20	10	4·3
East	18	9	4·1	8	7	3·3	3	4	2·0	2	3	1·2	6	9	3·8	1	3	1·3	11	3	1·5	5	3	1·4
Calm (or wind-speed < 4 m.p.h.)	2	—	—	6	—	—	4	—	—	2	—	—	2	—	—	0	—	—	3	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	25	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 19th June, 1924.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 25

TWENTY-FIFTH WEEK.
SUNDAY, JUNE 15TH TO SATURDAY, JUNE 21ST, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-FIFTH WEEK of 1924—June 15th to June 21st, 1924.

DISTRICTS. See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	71	38	60·7	47·9	53·9	+0·8	83	+ 5	0	0	4	0	0·21	5	− 14	7·5	+2·8	41	1013
Eastern.																			
1. SCOTLAND, EAST ...	75	33	63·7	47·3	54·9	+0·5	90	+ 3	0	0	4	0	0·29	7	− 9	6·8	+1·4	39	1013
2. ENGLAND, N.E. ...	75	40	67·3	49·7	57·9	+1·8	111	+13	0	0	3	0	0·27	7	− 7	6·9	+1·0	41	1015
3. ENGLAND, EAST ...	75	35	69·2	51·7	59·9	+1·9	125	+13	0	0	2	− 1	0·24	6	− 5	8·8	+2·2	53	1016
4. MIDLAND COUNTIES	75	40	69·0	48·4	58·0	+0·6	112	+ 4	0	0	3	0	0·43	11	− 3	7·1	+1·3	42	1015
5. ENGLAND, S.E. ...	78	37	67·6	49·9	58·2	− 0·1	113	− 1	0	0	2	− 1	0·21	5	− 6	9·2	+2·2	56	1016
Western.																			
6. SCOTLAND, WEST[1] ...	73	42	63·1	49·3	55·8	+0·3	97	+ 2	0	0	4	0	0·32	8	− 14	7·2	+1·7	41	1014
7. ENGLAND, N.W.[2] ...	75	44	65·4	51·3	57·9	+1·2	111	+ 8	0	0	4	0	0·32	8	− 10	6·9	+1·2	41	1014
8. ENGLAND, S.W.[3] ...	72	42	63·9	50·8	56·9	− 0·2	104	− 2	0	0	3	− 1	0·37	9	− 5	6·7	+0·5	40	1014
9. IRELAND, NORTH ...	68	39	60·9	49·3	54·7	− 0·9	89	− 6	0	0	6	+ 1	0·72	18	− 2	5·5	+0·2	32	1012
10. IRELAND, SOUTH ...	68	40	62·4	50·3	55·9	− 1·1	97	− 8	0	0	6	+ 2	1·45	37	+16	4·4	− 1·2	26	1012
11. CHANNEL ISLANDS[4]	76	46	64·5	52·1	57·9	− 0·4	111	− 3	0	0	3	0	0·11	3	− 9	9·1	+1·6	56	1015
MEAN: DISTRICTS 1-10	78	33	65·3	49·8	57·0	+0·4	105	+ 3	0	0	4	0	0·46	12	− 5	6·9	+1·1	41	1014

THE SEASON (Summer).—Aggregates, &c., for the Period of 3 Weeks, June 1st to June 21st, 1924.

0. SCOTLAND, NORTH...	71	31	56·8	45·1	50·5	− 1·6	183	− 33	4	+ 3	12	+ 1	1·35	34	− 13	5·4	+ 0·1	30	1014
Eastern.																			
1. SCOTLAND, EAST ...	75	29	58·8	44·6	51·2	− 2·1	199	− 42	6	+ 5	13	+ 3	1·76	44	+ 6	5·6	− 0·3	32	1013
2. ENGLAND, N.E. ...	75	32	61·5	47·3	53·9	− 0·8	250	− 16	0	0	12	+ 3	1·81	46	+11	5·2	− 0·9	31	1014
3. ENGLAND, EAST ...	75	35	64·1	50·1	56·6	+0·1	306	+ 1	0	0	12	+ 3	1·67	42	+ 6	5·8	− 0·9	35	1015
4. MIDLAND COUNTIES	75	33	63·6	48·3	55·5	− 0·9	283	− 19	0	0	13	+ 4	2·18	56	+18	4·9	− 1·2	29	1014
5. ENGLAND, S.E. ...	78	34	63·3	50·2	56·3	− 1·0	301	− 20	0	0	12	+ 3	2·19	55	+20	6·1	− 0·9	37	1015
Western.																			
6. SCOTLAND, WEST[1] ...	73	30	60·5	46·6	53·1	− 1·6	233	− 39	0	0	13	+ 3	1·89	48	− 3	5·7	− 0·4	33	1013
7. ENGLAND, N.W.[2] ...	75	33	61·2	49·1	54·7	− 1·0	267	− 21	0	0	13	+ 3	1·78	45	+ 5	5·0	− 1·6	30	1013
8. ENGLAND, S.W.[3] ...	72	33	61·4	50·3	55·5	− 0·9	282	− 22	0	0	12	+ 2	2·33	58	+16	5·1	− 1·6	31	1014
9. IRELAND, NORTH ...	68	38	59·6	48·9	53·9	− 0·9	249	− 20	0	0	16	+ 4	2·35	59	+11	3·5	− 2·2	21	1012
10. IRELAND, SOUTH ...	69	40	62·2	50·7	56·0	− 0·3	294	− 8	0	0	16	+ 6	3·38	86	+39	3·7	− 2·4	22	1013
11. CHANNEL ISLANDS[4]	76	46	62·0	51·9	56·6	− 0·8	307	− 16	0	0	11	+ 2	1·27	32	− 1	6·8	− 0·9	42	1016
MEAN: DISTRICTS 1-10	78	29	61·6	48·6	54·7	− 0·9	266	− 21	1	+ 1	13	+ 3	2·13	54	+13	5·1	− 1·2	30	1014

THE YEAR. Aggregates, &c., for the Period of 25 Weeks, December 30th, 1923, to June 21st, 1924.

0. SCOTLAND, NORTH...	71	12	47·7	37·5	42·5	− 0·1	527	− 99	448	− 68	107	− 8	18·30	465	−112	3·1	− 0·4	24	1010
Eastern.																			
1. SCOTLAND, EAST ...	75	2	47·6	35·9	41·6	− 1·1	533	−181	608	+24	104	+ 6	12·23	311	− 20	3·3	− 0·7	26	1011
2. ENGLAND, N.E. ...	75	16	49·4	37·4	43·2	− 0·8	730	− 71	516	+66	83	− 6	11·41	289	+32	3·6	− 0·6	29	1013
3. ENGLAND, EAST ...	78	18	50·9	38·7	44·6	− 0·2	931	− 28	476	+ 9	87	0	12·15	307	+55	4·2	− 0·3	34	1014
4. MIDLAND COUNTIES	75	15	51·1	37·5	44·1	− 0·6	885	− 87	516	+22	89	+ 3	14·00	355	+69	3·5	− 0·5	28	1013
5. ENGLAND, S.E. ...	78	17	51·6	39·5	45·3	− 0·7	982	− 68	398	+41	86	+ 1	13·83	351	+67	4·5	− 0·1	36	1014
Western.																			
6. SCOTLAND, WEST[1] ...	73	15	49·5	37·6	43·4	− 1·1	692	−135	453	+63	101	− 3	17·53	443	− 65	3·5	− 0·5	28	1012
7. ENGLAND, N.W.[2] ...	75	21	50·1	39·4	44·6	− 0·4	816	− 66	366	+ 6	97	+ 4	14·15	358	− 1	3·8	− 0·3	30	1012
8. ENGLAND, S.W.[3] ...	75	14	51·2	40·3	45·6	− 0·6	934	− 86	309	+25	93	0	17·88	451	+45	4·1	− 0·4	33	1013
9. IRELAND, NORTH ...	72	18	50·6	39·8	45·1	− 0·2	822	− 63	287	− 26	114	+ 1	16·79	426	+13	3·6	− 0·3	29	1011
10. IRELAND, SOUTH ...	72	21	52·4	41·1	46·6	− 0·2	1029	− 48	226	− 16	106	+ 6	18·43	467	+24	3·6	− 0·5	29	1012
11. CHANNEL ISLANDS[4]	77	30	52·7	44·2	48·3	− 0·2	1191	− 46	88	− 12	97	− 1	15·02	383	+45	4·9	− 0·3	39	1014
MEAN: DISTRICTS 1-10	78	2	50·4	38·7	44·4	− 0·6	835	− 83	415	+21	96	+ 1	14·84	376	+22	3·8	− 0·4	30	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Light	Moderate	Moderate	Moderate	Moderate	Moderate	Light	Moderate	Moderate	Moderate	Very Heavy	Light
	Sunshine ..	Abundant	Abundant	Moderate	Abundant	Moderate	Abundant	Moderate	Moderate	Moderate	Moderate	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 3 weeks from June 1st, 1924	Warmth ..	0, 2, 1	0, 2, 1	1, 1, 1	1, 1, 1	0, 2, 1	0, 2, 1	0, 2, 1	0, 2, 1	0, 2, 1	0, 3, 0	0, 3, 0	0, 3, 0
	Rainfall ...	0, 2, 1	1, 2, 0	1, 2, 0	1, 2, 0	2, 1, 0	2, 1, 0	1, 1, 1	1, 2, 0	2, 1, 0	1, 2, 0	3, 0, 0	1, 1, 1
	Sunshine ..	2, 0, 1	1, 1, 1	0, 1, 2	1, 0, 2	0, 1, 2	1, 0, 2	0, 1, 2	0, 1, 2	0, 2, 1	0, 1, 2	0, 0, 3	0, 2, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather in most parts of the British Islands was fair or fine to showery and in several places the total amount of sunshine for the week was well above the normal. Sunshine values of between 14 hrs. and 15 hrs., were obtained on various days, among the largest amounts being 15.1 hrs. at Inchkeith (Fife) on the 16th, 15·2 hrs. at Deal and Margate on the 19th, 15·7 hrs. at St. Leonards, and 15·3 hrs. at Eastbourne on the 21st. The departure of the mean daily duration from the normal for the week ranged from +4·1 hrs. at Margate to −2·2 hrs. at Cahirciveen (Valencia Observatory). Local thunderstorms occurred, notably on the 17th, and in a few places the measurements of rainfall were rather large; among the heaviest falls being 35mm. at Foynes (Limerick), 33mm. at Cahirciveen, 28mm. at Killarney, 22mm. at Roches Point and 21mm. at Harrogate. In a few places the thunderstorms were accompanied by hail. The total amount of rainfall for the week was below the normal in all Districts with the exception of Ireland S. where it was above normal. The highest maxima were registered generally during the middle days of the week and in places temperatures of 75°F. and above were recorded, the highest reading, 79°F., occurring in London (Camden Square) on the 17th. The lowest of the screen minimum temperatures, 33°F., was registered at Balmoral on the 21st; ground frosts were recorded in two or three places, the lowest of the grass temperatures, 26°F., occurring at Rounton (N. Riding). The mean temperature for the week over the country as a whole did not differ much from the normal, the average deviation being 0·4°F. Lunar halos were seen at Yarmouth on the 17th, at Tenbury (Worcester) on the 19th and at Oxford on the 16th and 19th. Solar halos were observed during the week at a number of stations in various parts of our Islands.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
0. SCOTLAND, N.																									
Shetlands	Lerwick ¶	54	t	61	19, 21	47	15, 17, 21	56·7	47·9	52·0	+2·0	0	0·01	0·2	− 13	Lerwick ...	6·6	—	35	—	—	—	—	—	—
Orkneys	Deerness	160	p	61	15th	42	15, 16	56·9	44·1	50·1	− 1·0	3	0·10	3	− 11	Deerness §	7·3	+2·4	40	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	67	18th	45	17th	60·4	48·4	54·0	+1·3	6	0·19	5	− 12	Stornoway §	8·1	+2·7	45	—	—	—	—	—	—
	Castlebay	37	t	59	18th	48	21st	56·0	50·4	53·0	—	6	0·25	6	—	Castlebay ...	5·4	—	30	—	—	—	—	—	—
Caithness	Wick ... ¶	81	t	61	16th	40	21st	57·1	46·1	51·2	− 0·9	4	0·27	7	− 7										
Ross and Cromarty	Strathpeffer ¶	125	a	70	18th	38	17th	65·0	46·3	55·0	0·0	2	0·22	5	− 9										
	Achnashellach ¶	225	h	—	—	—	—	—	—	—	—	—	—	—	—	Achnashellach	—	—	—	—	—	—	—	—	—
Inverness	Inverness	242	h	67	19th	42	21st	61·3	47·9	54·1	—	3	0·48	12	—	Inverness §	7·1	—	39	0	36	—	—	—	—
	Fort Augustus ¶	68	a	71	18th	43	17th	64·0	49·3	56·1	+1·7	4	0·31	8	− 7										
	Onich ... ¶	48	h	67	19th	43	17th	61·3	49·6	55·0	—	6	0·27	7	—	Onich ...	4·2	—	24	0	38	—	—	—	—
1. SCOTLAND, E.																									
Nairn	Nairn ... ¶	82	t	69	19th	41	21st	63·1	48·0	55·0	+0·7	4	0·35	9	− 4	Nairn §	6·2	—	34	—	—	—	—	—	—
Elgin	Gordon Castle ¶	101	p	75	18th	43	21st	66·6	48·4	56·9	+2·3	4	0·30	8	− 8	Gordon Castle	7·2	—	40	—	—	—	—	—	—
Aberdeen	Aberdeen ... ¶	46	t	63	15th	43	21st	60·6	47·3	53·5	—	4	0·34	9	− 4	Aberdeen §	5·3	− 0·2	30	0	35	—	—	49·1	− 1·9
	Balmoral ... ¶	930	a	70	18th	33	21st	63·7	41·7	51·9	− 0·7	4	0·17	4	− 11	Balmoral ...	—	—	—	1	30	—	—	—	—
Perth	Crieff ... ¶	478	p	68	18th	43	21st	63·4	47·7	55·0	− 1·0	3	0·47	12	− 7	(Kinc.)Crathes §	6·6	+1·3	37	0	36	55·1	—	48·1	—
Forfar	Dundee	147	a	68	16th	44	21st	65·3	49·3	56·7	—	5	0·61	15	—	Dundee §	7·6	—	43	0	38	56·6	—	—	—
Fife	Inchkeith ... ¶	190	t	67	18th	48	21st	62·3	50·6	56·0	—	3	0·25	6	—	Inchkeith ...	8·0	—	46	0	—	—	—	—	—
Midlothian	Edinburgh ...	441	p	69	18th	48	21st	63·3	50·0	56·2	+2·0	4	0·34	9	− 5	Edinburgh §	7·1	+1·5	41	0	41	—	—	—	—
Peebles	West Linton ¶	770	a	65	15, 19	39	21st	63·6	46·1	54·2	+1·7	6	0·24	6	—	West Linton...	—	—	—	0	36	—	—	—	—
Berwick	Marchmont ¶	498	a	71	18th	46	20th	66·0	48·9	56·9	+2·8	5	0·23	6	− 11	Marchmont §	8·1	+2·5	46	—	—	—	—	—	—
6a. SCOTLAND, W.																									
Argyle	Ford ... ¶	149	a	66	17, 18	42	16, 21	62·9	47·6	54·7	—	4	0·56	14	—	Ford ...	—	—	—	0	39	57·7	—	53·0	—
Renfrew	Renfrew ... ¶	36	t	66	18th	43	16, 21	63·0	47·3	54·6	—	4	0·19	5	—	Renfrew ...	4·8	—	27	0	34	—	—	—	—
Bute	Rothesay ... ¶	200	p	64	18th	47	16th	61·1	48·9	54·6	− 1·1	7	0·42	11	− 13	Rothesay §	7·6	+2·3	43	0	42	59·0	—	52·6	− 0·4
Ayr	Kilmarnock ¶	90	a	70	18th	46	16th	66·3	50·4	57·8	+2·8	5	0·27	7	− 10	Kilmarnock ...	6·7	—	38	—	—	58·1	—	51·4	—
	Colmonell... ¶	170	a	72	17th	46	20th	63·7	50·1	56·4	+2·0	4	0·20	5	− 14	Colmonell ...	—	—	—	0	44	—	—	—	—
Dumfries	Dumfries ... ¶	140	p	73	17th	47	19, 20	65·0	50·9	57·5	+0·8	3	0·18	5	− 14	Dumfries ...	7·8	—	45	0	39	58·6	− 0·1	52·3	− 3·1
	Eskdalemuir ...	794	t	68	17th	38	21st	62·7	45·9	53·7	—	5	0·28	7	—	Eskdalemuir §	7·1	+2·6	41	0	33	—	—	—	—

*/ signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	67	17th	43	15th	60·0	50·0	54·7	- 0·5	2	0·39	10	- 9	Douglas §	6·8	+0·3	40	0	42	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	70	18th	41	21st	65·7	47·1	55·8	+2.1	5	0·13	3	- 13	Cockle Park §	6·3	+0·7	36	0	37	57·0	+0·7	51·8	- 1·1
	Tynemouth ¶	118	t	68	18th	46	21st	63·1	50·6	56·4	+1·7	3	0·39	10	- 4	Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham	Durham ... ¶	336	p	69	19th	40	21st	65·6	47·0	55·7	0·0	4	0·33	8	- 6	Durham §	5·2	- 0·3	30	0	32	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	71	15, 17	42	21st	68·7	48·4	57·8	+2·6	2	0·28	7	- 9	Rounton ...	—	—	—	3	26	57·9	—	—	—
	West Witton ...	605	a	70	17th	42	21st	67·7	48·9	57·7	—	1	0·08	2	—	West Witton	—	—	—	0	37	57·8	—	49·7	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—	Scarborough †§	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	72	15, 18	46	21st	69·8	52·1	60·3	+2·4	4	0·30	8	- 7	York §	4·7	- 0·8	28	—	—	58·0	+0·4	52·7	- 1·0
E. Riding	Spurn Head ¶	26	t	65	16th	47	15th	62·3	52·4	57·0	+0·5	2	0·40	10	- 1	Spurn Head...	8·6	—	51	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	75	18th	46	21st	72·7	51·6	61·4	+2·9	2	0·04	1	- 13	Lincoln ...	—	—	—	0	44	60·3	+0·8	53·8	- 0·9
	Cranwell ... ¶	236	t	73	16th	44	15th	70·1	48·6	58·6	+0·6	3	0·25	6	- 8	Cranwell §	9·1	+2·9	54	0	37	—	—	—	—
																Skegness §	9·4	+2·8	56	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	72	18th	40	15th	67·2	52·4	59·3	+2·6	1	0·10	3	- 6	Cromer §	8·6	+2·3	51	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	67	18th	41	15th	64·7	52·1	58·0	+0·8	3	0·79	20	+10	Yarmouth §	8·7	—	52	0	32	59·6	- 2·1	56·7	- 0·6
	Norwich ... ¶	93	a	75	18th	39	15th	73·0	52·3	61·9	+3·8	3	0·16	4	- 7	Norwich ...	8·8	—	53	0	36	61·2	—	—	—
	Geldeston ... ¶	37	a	74	16, 19	35	15th	70·8	50·6	60·0	+2·4	3	0·51	13	+ 3	Geldeston §	7·6	+0·9	45	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	73	16, 17, 18	42	15th	71·9	49·4	59·9	+1·1	1	0·07	2	- 10	Cambridge §	8·9	+2·4	53	0	37	62·0	+1·1	56·3	- 0·3
Hertford	Rothamsted ¶	420	a	73	17th	44	15th	68·9	49·9	58·7	+1·0	2	0·07	2	- 10	Rothamsted §	9·1	+2·7	55	0	36	59·3	—	—	—
Middlesex	Tottenham ¶	51	p	75	17th	48	15th	71·7	53·3	61·9	—	2	0·14	4	—	Tottenham §	9·1	—	55	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	69	21st	43	15th	65·4	53·7	59·1	+1·3	2	0·06	1	- 8	Clacton-on-Sea§	9·9	+2·8	59	0	40	60·3	+0·5	56·0	- 0·8
	Southend	90	h	74	19, 21	45	15th	71·9	54·3	62·5	—	0	0·00	0·1	—	Southend ...	9·1	—	55	0	44	60·8	—	—	—
4. MIDLAND COUNTIES.																									
York, W. Riding	Harrogate ¶	479	t	70	17th	44	21st	68·1	48·6	57·7	+2·2	2	0·85	22	+ 6	Harrogate §	6·4	+0·4	38	0	39	55·4	- 0·1	52·1	- 1·3
	Sheffield	429	p	—	—	—	—	—	—	—	—	—	—	—	—	Sheffield §	—	—	—	—	—	—	—	—	—
Derby	Buxton	987	p	70	17th	41	15th	66·3	47·9	56·5	+2·2	2	0·34	9	- 12	Buxton ...	6·7	—	39	0	43	57·8	+0·7	50·5	- 1·2
Nottingham	Worksop(Hods'ck)¶	56	a	75	17th	42	21st	72·4	48·0	59·4	+2·2	3	0·04	1	- 12	Worksop §	6·5	+1·3	38	0	38	59·8	—	54·2	—
	Nottingham ¶	192	a	72	15-18	44	15, 21	70·6	49·9	59·5	+2·2	2	0·12	3	- 9	Nottingham §	8·1	+2·6	48	0	41	59·2	- 0·1	54·6	- 0·6
Warwick	Birmingham (Edg)¶	525	t	70	16, 17	46	15th	67·4	50·1	58·2	+0·7	2	0·65	16	+ 1	Birmingham §	6·6	+1·9	39	0	34	54·8	+0·7	49·7	- 0·8
Northampton	Oundle ... ¶	147	a	73	16th	43	21st	69·7	49·1	58·7	—	2	0·09	2	—	Oundle ...	8·7	—	52	0	37	62·0	—	54·5	—
Oxford	Oxford ... ¶	208	p	74	17th	45	21st	69·1	50·3	59·1	+0·6	2	0·18	5	- 9	Oxford §	8·6	+2·5	51	0	38	—	—	—	—
Stafford	Cheadle ... ¶	646	a	72	17th	46	15, 20, 21	68·4	48·1	57·5	+1·4	4	0·43	11	- 6	Cheadle ...	—	—	—	0	43	—	—	—	—
Worcester	Tenbury ... ¶	313	p	72	17th	41	15, 21	68·0	44·3	55·3	- 1·8	4	0·95	24	+11	Tenbury ...	—	—	—	0	35	58·9	—	—	—
	Malvern	377	h	73	17th	46	21st	68·1	51·0	59·0	—	2	0·55	14	—	Malvern ...	6·7	—	40	0	37	60·9	—	56·0	—
Hereford	Hereford ... ¶	291	a	74	17th	40	17th	68·6	44·3	55·6	- 2·3	3	0·51	13	0	Ross on Wye§	6·7	—	40	0	38	60·5	—	55·9	—
Gloucester	Clifton ... ¶	225	a	72	17th	49	21st	68·1	51·3	59·1	- 0·5	2	0·45	11	- 5	Clifton §	7·0	+0·7	42	0	48	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	76	17th	46	15th	71·4	53·1	61·6	+1·9	1	0·08	2	- 9	Westminster	8·9	+3·3	54	0	43	—	—	—	—
	Greenwich ‡ ...	149	a	77	17th	43	15th	74·0	50·0	61·2	+1·5	2	0·32	8	- 3	Greenwich ...	8·8	+2·3	53	1	30	—	—	—	—
	Hampstead ...	450	a	75	17th	45	15th	70·4	51·3	60·2	—	2	0·12	3	—	Hampstead ...	9·3	—	56	0	37	—	—	—	—
	Camden Square ...	110	a	79	17th	47	15th	74·6	53·1	63·1	+2·2	1	0·09	2	- 9	Camden Square	—	—	—	0	42	60·5	—	53·8	—
																Richmond § (Kew Obs.)	8·7	+2·4	52	0	37	61·7	+1·7	55·8	+0·4
Surrey	Richmond (KewO)¶	18	t	78	17th	46	15th	72·0	52·2	61·4	+2·2	2	0·30	7	- 5	Wisley §	10·1	+3·5	61	0	34	63·2	+3·0	55·8	- 0·2
	Wisley ... ¶	150	a	76	17th	44	15, 21	71·3	49·3	59·5	+1·3	2	0·38	10	0	Tunbridge W'ls§	9·7	+3·1	59	0	31	61·2	—	56·4	—
Kent	Tunbridge Wells¶	354	h	76	17th	41	15th	70·0	48·3	58·4	+0·5	2	0·27	7	- 3	Margate §	10·4	+4·1	63	0	40	62·1	+0·9	58·5	+1·0
	Margate ... ¶	51	h	72	19th	44	15th	68·3	53·9	60·6	+2·3	2	0·17	4	- 6	Folkestone §	9·5	—	58	0	44	—	—	55·5	—
	Dungeness ¶	21	t	68	17th	48	21st	63·6	52·0	57·4	- 0·1	1	0·12	3	- 6	St. Leonards §	9·2	+1·9	56	0	39	61·9	—	56·8	—
Sussex	St. Leonards ¶	178	h	72	17th	43	15th	65·1	51·8	58·0	0·0	3	0·13	3	- 7	Worthing §	10·7	+3·2	65	0	44	61·9	0·0	56·1	- 1·0
	Worthing	36	h	71	17th	47	21st	65·5	51·7	58·1	—	3	0·44	11	—	Ventnor §	8·2	+1·2	50	—	—	—	—	—	—
I. of Wight	Ventnor ... ¶	59	a	67	17th	49	15, 21	64·3	51·1	57·2	- 1·5	1	0·02	1	- 9	Southampton§	8·6	+1·7	52	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	73	17th	41	15th	68·1	49·9	58·4	- 1·4	2	0·40	10	- 1	Marlborough§	6·6	+0·7	40	0	38	60·0	—	54·3	—
Wiltshire	Marlborough ¶	424	a	71	17th	37	21st	67·1	45·4	55·5	- 1·1	1	0·13	3	- 10	Porton ...	6·9	—	42	0	35	59·4	—	—	—
	Porton ¶	363	a	70	17th	40	21st	66·5	45·6	55·3	—	3	0·24	6	—										
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e)¶	487	p	71	17th	45	21st	63·6	50·6	56·7	+0·7	2	0·08	2	- 17	Aspatria §	7·6	+1·7	44	0	44	56·0	- 1·1	50·6	- 1·8
	Newton Rigg ¶	559	p	72	17th	44	21st	65·1	48·0	56·0	+0·3	1	0·08	2	- 14	Newton Rigg§	7·3	+1·3	43	0	34	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	71	17th	45	21st	65·4	51·7	58·1	+1·7	5	0·36	9	- 14	Stonyhurst §	5·6	+0·2	33	0	42	—	—	—	—
	Blackpool ¶	66	h	73	17th	49	15, 21	65·9	52·4	58·7	+2·1	5	0·54	14	- 2	Blackpool §	6·9	+0·4	41	0	39	60·0	—	52·8	—
	Southport ¶	37	h	74	17th	47	15th	65·7	52·1	58·4	+1·4	6	0·52	13	- 3	Southport §	7·7	+1·4	46	0	43	63·4	+2·1	58·2	+0·5
Manchester	Whitworth Pk. ¶	125	p	75	17th	45	15th	68·7	52·0	59·8	+1·3	5	0·52	13	- 7	Whitworth Pk.	6·1	+1·4	36	—	—	—	—	—	—
																Oldham Road	6·0	+1·1	36	0	33	59·3	+0·5	54·3	- 1·6
Cheshire	Liverp'l (Bidston) ¶	189	a	73	17th	49	15th	66·1	52·7	58·9	+1·3	3	0·31	8	- 8	Bidston ...	7·2	—	43	0	45	—	—	—	—
																(Ches.)Hoylake§	7·8	+2·0	46	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	75	17th	45	15th	67·9	51·4	59·1	+0·9	3	0·28	7	- 7										
Carnarvon	Llandudno ¶	22	h	72	17th	47	15th	65·4	50·6	57·5	- 0·1	4	0·35	9	- 6	Llandudno §	6·5	+0·1	38	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	67	17th	50	20th	60·9	52·3	56·3	+0·2	4	0·34	9	- 7	Holyhead ...	8·2	—	48	0	47	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	16	h	75	17th	50	15th	64·6	52·3	58·0	—	2	0·27	7	—	Aberystwyth§	6·3	+0·4	37	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	62	16, 17	51	20, 21	59·1	52·3	55·5	- 0·3	2	0·45	11	- 1	St. Ann's Hd.§	7·2	+0·6	43	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	68	17th	43	15, 20	63·4	46·0	54·1	—	3	0·56	14	—	Rhayader §	5·1	—	31	0	35	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	70	17th	49	15, 20, 21	65·7	51·0	57·8	+0·1	3	0·14	4	- 12	Cardiff ...	6·4	—	38	0	44	60·3	- 0·1	54·8	- 1·1
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	72	17th	43	21st	67·7	50·7	58·6	+0·5	2	0·36	9	- 5	Bath ... §	7·5	+1·3	45	—	—	61·5	—	56·4	—
Dorset	Shaftesbury ¶	722	a	68	17, 21	48	15, 21	66·4	50·4	57·8	+1·1	2	0·04	1	- 13	Shaftesbury...	—	—	—	—	—	—	—	52·0	—
	Portland Bill ¶	19	t	61	18th	50	15th	59·3	53·4	56·1	- 0·9	1	0·04	1	- 8	Weymouth ...	10·3	—	63	—	—	—	—	—	—
Devon	Arlington ¶	613	a	68	17th	46	21st	64·0	49·8	56·4	+0·4	5	0·39	10	- 10	Arlington ...	—	—	—	0	43				
	Cullompton ¶	202	a	70	17th	42	15th	67·6	48·6	57·4	- 0·5	3	0·85	21	+ 8	Cullompton §	5·3	- 0·5	32	0	37	59·4	—	—	—
	Plymouth ¶	116	p	68	17th	47	15th	63·9	53·1	58·1	- 0·2	2	0·17	4	- 9	Plymouth §	7·8	+1·3	47	0	44	59·7	- 1·4	54·8	—
Cornwall	Newquay ...	190	h	66	17th	47	15th	61·9	51·4	56·3	- 0·6	2	0·05	1	- 11	Newquay §	7·2	+0·7	44	—	—	59·2	—	55·1	—
	Falmouth ¶	167	h	64	19, 21	49	15th	62·4	52·7	57·2	- 0·2	4	0·76	19	+ 5	Falmouth §	6·9	+0·1	42	0	43	61·5	—	59·2	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	64	18th	46	16, 17	58·3	49·1	53·4	- 1·1	5	0·76	19	+ 3	Malin Head...	7·2	—	41	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	63	18th	45	16th	59·7	49·9	54·5	- 1·5	6	0·55	14	- 6										
	Mallaranny ...	120*	a	67	18th	45	16th	61·7	49·0	54·9	—	5	1·50	38	—	Mallaranny ..	6·8	—	40	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	64	15, 18	39	16th	62·0	46·1	53·5	- 1·8	6	0·85	22	0	MarkreeC'stle§	4·9	- 0·3	29	0	38	58·7	0·0	53·2	- 0·6
Armagh	Armagh ... ¶	204	p	65	19, 20	46	20th	63·0	50·0	56·1	+0·1	6	0·45	11	- 7	Armagh §	6·0	+0·7	35	0	42	58·5	+0·6	53·3	- 0·8
Down	Donaghadee ¶	35	t	62	20, 21	45	20th	59·3	50·0	54·3	- 1·0	5	0·65	17	0										
10. IRELAND, S.																Trinity Coll.	—	—	—	0	46	58·4	- 0·4	54·5	- 0·6
Dublin	Dublin City ¶	54	p	67	15th	47	20th	63·4	52·4	57·5	- 0·4	6	0·67	17	+ 1	Phœnix Park §	4·8	- 1·1	28	0	44	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	68	17th	45	21st	62·9	50·4	56·2	- 0·3	7	1·07	27	+ 8	Dublin City...	—	--	—	0	41	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	68	17th	40	20th	63·9	48·9	55·9	- 0·9	7	1·20	30	+10	Birr Castle §	4·6	- 0·5	27	0	33	—	—	—	—
Waterford	Waterford ¶	137	a	68	16th	45	20, 21	64·6	50·6	57·1	- 0·1	5	0·76	19	- 2										
	Seskin, Carrick-on-Suir	542	p	68	17, 18	42	20th	64·1	47·4	55·2	—	5	0·76	19	—	Seskin ...	5·4	—	32	0	32	—	—	—	—
Limerick	Foynes ... ¶	50	a	64	16th	44	20th	61·9	50·9	56·0	- 1·1	7	2·52	64	+43										
Kerry	Cahirciveen ¶	30	t	63	17th	45	21st	59·3	49·6	54·1	- 2·6	7	2·15	55	+29	Cahirciveen (Valencia O.)§	3·6	- 2·2	21	0	38	—	—	—	—
	Killarney ¶	174	a	65	17, 21	44	21st	62·6	48·5	55·1	- 2·0	7	1·98	50	+27										
Cork	Roche's Point ¶	32	t	64	16th	46	21st	60·7	50·7	55·4	- 1·5	4	1·26	32	+11	Ballinacurra §	4·6	- 1·4	27	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	63	21st	49	20th	60·6	51·7	55·8	- 1·7	4	0·24	6	- 5	St. Mary's §	7·0	- 0·2	43	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	71	17th	46	16th	64·9	51·9	58·0	- 0·7	2	0·05	1	- 11	Grange §	10·4	+2·8	64	0	45	62·7	+1·3	57·9	- 0·1
Jersey	St. Heliers ¶	28	h	76	17th	49	15th	68·1	52·6	59·8	+0·7	2	0·05	1	- 12	St. Heliers §	9·8	+2·3	60	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, June 21st, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.	Highest Gust. Speed.		Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d. h. m.
0. SCOTLAND, N.																		
Shetlands Lerwick ...	310	42	‡	—	0	16, 17	6	63	69	30	0	230	28	13	16 12	38	17	16 11 15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	59	198	1	0	150	19	9	18 21	—	—	— — —
1. SCOTLAND, E.																		
Aberdeen Aberdeen ..	72	42	‡	—	0	—	0	14	92	62	0	140	19	8	18 12	25	11	18 11 50
Edinburgh Edinburgh ..	485	39	31	—	0	—	0	13	124	31	0	200	16	7	20 7	24	11	19 16 55
6a. SCOTLAND, W.																		
Renfrew Paisley ...	188	81	15	—	0	—	0	22	124	22	0	190	16	7	19 17	33	15	19 16 30
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	47	91	30	0	50	20	9	17 13	34	15	17 16 20
2. ENGLAND, N.E.																		
Durham South Shields..	72	61	12	—	0	—	0	16	58	94	0	160	17	8	18 13	28	13	18 13 20
York, E.R. Spurn Head ..	67	41	‡	—	0	—	0	28	110	30	0	90	22	10	17 15	31	14	19 12 5
Lincoln Cranwell ...	280	43	31			Instrument out of	action.											
3. ENGLAND, E.																		
Norfolk Gorleston ..	52	42	‡	—	0	—	0	30	80	58	0	140	22	10	17 23	29	13	17 24 0
Essex Shoeburyness...	103	90	‡	—	0	—	0	20	63	26	59	—	20	9	17 12	25	11	17 11 10
5. ENGLAND, S.E.																		
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	2	101	65	0	180	14	6	18 13	24	11	18 12 35
Kent Lympne ...	409	70	‡	—	0	—	0	22	106	40	0	80	19	9	17 11	26	12	17 11 25
Surrey Croydon ...	284	40	24	—	0	—	0	9	123	36	0	220	14	6	18 13	24	11	17 20 55 19 14 20
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	0	135	33	0	190	12	5	18 12	22	10	17 19 10 18 12 10
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	32	116	20	0	—	21	9	18 11	31	14	18 10 55
Wiltshire Larkhill, (S'y Plain)...	513	63	43	—	0	—	0	25	143	0	0	160	16	7	18 9	25	11	18 9 50
7a ENGLAND, N.W.																		
Lancashire Fleetwood ...	112	50	12	—	0	—	0	28	117	23	0	160	20	9	18 15	33	15	18 14 40
Lancashire Southport ...	80	62	48	—	0	—	0	36	126	6	0	160	20	9	18 14	35	16	18 14 15
7b. NORTH WALES.																		
Anglesey Holyhead ...	64	45	‡	—	0	—	0	102	62	4	0	150 170–190	22	10	18 7 19 {8, 9, 10, 12, 13, 14	41	18	18 12 53
8b. ENGLAND, S.W.																		
Devon Plymouth ...	185	88	2	—	0	17, 18	14	56	68	30	0	—	31	14	18 7	41	18	18 6 35
Cornwall Pendennis Castle§...	256	65	24	—	0	17, 18	4	61	73	30	0	—	28	13	17 24	42	19	18 1 20
10. IRELAND, S.																		
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	18	2	52	87	27	0	120	24	11	18 9	—	—	— — —
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	— —	—	—	— — —
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	40	93	35	0	230	17	8	19 11	29	13	19 11 45
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	31	73	64	0	—	20	9	20 17	32	14	20 16 55
11a. SCILLY ISLES.																		
Scilly St. Mary's ...	150	32	‡	—	0	17, 18	5	57	90	13	3	170	27	12	18 2	43	19	18 0 20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin. Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	21	9	3·8	11	7	3·2	17	6	2·9	11	5	2·4	21	11	5·1	20	9	4·0	19	9	3·9	12	7	3·0
North	4	5	2·2	5	3	1·3	0	—	—	4	3	1·3	6	4	1·8	3	6	2·6	4	7	3·1	7	5	2·5
West	11	27	12·1	17	6	2·9	6	4	1·8	14	5	2·1	18	5	2·2	14	6	2.6	9	5	2·1	11	8	3·7
East	16	7	3·2	4	7	3·3	12	6	2·7	4	9	4·2	7	8	3·4	7	12	5·4	14	6	2·7	8	3	1·5
Calm (or wind-speed < 4 m.p.h.)	0	—	—	6	—	—	10	—	—	9	—	—	0	—	—	2	—	—	5	—	—	7	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director.

26th June, 1924.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry Ltd., The Grove, Southwark, S.E.1.

VI C.3

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

105

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) No. 26

TWENTY-SIXTH WEEK.
SUNDAY, JUNE 22ND TO SATURDAY, JUNE 28TH, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-SIXTH WEEK of 1924—June 22nd to June 28th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	66	44	57·8	48·9	53·1	− 1·2	78	− 7	0	0	5	+ 1	1·68	43	+26	2·8	− 1·7	15	1014
Eastern.																			
1. SCOTLAND, EAST ...	68	36	62·4	48·1	54·8	− 1·2	90	− 7	0	0	3	0	0·16	4	− 8	4·9	− 1·2	28	1016
2. ENGLAND, N.E. ...	79	41	68·0	51·4	59·2	+1·5	120	+10	0	0	1	− 2	0·03	1	− 11	7·1	+0·8	42	1020
3. ENGLAND, EAST ...	81	46	71·1	53·7	61·8	+2·1	139	+15	0	0	1	− 2	0·03	1	− 10	9·1	+1·7	55	1021
4. MIDLAND COUNTIES	79	38	69·6	50·4	59·4	+0·3	122	+ 2	0	0	1	− 2	0·01	0	− 14	6·9	+0·4	41	1021
5. ENGLAND, S.E. ...	78	41	70·2	52·4	60·7	+0·7	131	+ 5	0	0	0	− 2	0·02	1	− 9	9·2	+1·4	56	1022
Western																			
6. SCOTLAND, WEST[1] ...	68	39	61·6	50·0	55·4	− 1·3	94	− 8	0	0	4	0	0·74	19	+ 2	3·6	− 2·3	21	1018
7. ENGLAND, N.W.[2] ...	72	44	63·2	52·1	57·3	− 0·7	107	− 5	0	0	2	− 1	0·38	10	− 7	4·7	− 1·5	28	1021
8. ENGLAND, S.W.[3] ...	72	40	65·1	51·7	57·9	− 0·6	111	− 5	0	0	1	− 2	0·03	1	− 14	4·4	− 2·7	26	1023
9. IRELAND, NORTH ...	71	40	62·5	51·1	56·5	− 0·2	101	− 2	0	0	5	+ 1	0·43	11	− 6	2·9	− 1·8	17	1019
10. IRELAND, SOUTH ...	75	43	63·7	52·9	57·9	− 0·4	111	− 3	0	0	4	0	0·49	12	− 3	2·2	− 3·3	13	1023
11. CHANNEL ISLANDS[4]	69	49	64·0	53·4	58·3	− 1·3	114	− 9	0	0	2	− 1	0·04	1	− 8	6·3	− 2·3	39	1025
MEAN: DISTRICTS 1-10	81	36	65·7	51·4	58·1	0·0	113	0	0	0	2	− 1	0·23	6	− 8	5·5	− 0·9	33	1020

THE SEASON (Summer).—Aggregates, &c., for the Period of 4 Weeks, June 1st to June 28th, 1924.

0. SCOTLAND, NORTH...	71	31	57·0	46·1	51·2	− 1·4	261	− 40	4	+ 3	17	+ 2	3·11	79	+15	4·7	− 0·4	26	1014
Eastern.																			
1. SCOTLAND, EAST ...	75	29	59·7	45·5	52·1	− 1·9	289	− 49	6	+ 5	16	+ 3	1·92	48	− 2	5·4	− 0·6	31	1014
2. ENGLAND, N.E. ...	79	32	63·1	48·3	55·2	− 0·3	370	− 6	0	0	13	+ 1	1·81	46	− 1	5·7	− 0·5	33	1015
3. ENGLAND, EAST ...	81	35	65·9	51·0	57·9	+0·6	445	+16	0	0	13	+ 1	1·70	43	− 4	6·6	− 0·2	40	1017
4. MIDLAND COUNTIES	79	33	65·1	48·9	56·5	− 0·6	405	− 17	0	0	14	+ 2	2·19	56	+ 4	5·4	− 0·8	32	1016
5. ENGLAND, S.E. ...	78	34	65·1	50·7	57·4	− 0·6	432	− 15	0	0	12	+ 1	2·21	56	+11	6·9	− 0·3	42	1017
Western.																			
6. SCOTLAND, WEST[1] ...	73	30	60·7	47·5	53·7	− 1·5	327	− 47	0	0	17	+ 3	2·63	67	− 1	5·2	− 0·9	30	1014
7. ENGLAND, N.W.[2] ...	75	33	61·7	49·9	55·4	− 0·9	374	− 26	0	0	15	+ 2	2·16	55	− 2	4·9	− 1·6	29	1015
8. ENGLAND, S.W.[3] ...	72	33	62·3	50·7	56·1	− 0·8	393	− 27	0	0	13	0	2·36	59	+ 2	4·9	− 1·9	30	1017
9. IRELAND, NORTH ...	71	38	60·3	49·4	54·5	− 0·8	350	− 22	0	0	21	+ 5	2·78	70	+ 5	3·3	− 2·2	20	1014
10. IRELAND, SOUTH ...	75	40	62·5	51·3	56·5	− 0·3	405	− 11	0	0	20	+ 6	3·87	98	+36	3·3	− 2·6	20	1015
11. CHANNEL ISLANDS[4]	76	46	62·5	52·3	57·0	− 0·9	421	− 25	0	0	13	+ 1	1·31	33	− 9	6·7	− 1·2	41	1018
MEAN: DISTRICTS 1-10	81	29	62·6	49·3	55·5	− 0·7	379	− 20	1	+ 1	15	+ 2	2·36	60	+ 5	5·2	− 1·2	31	1015

THE YEAR. Aggregates, &c., for the Period of 26 Weeks, December 30th, 1923, to June 28th 1924.

0. SCOTLAND, NORTH...	71	12	48·1	37·9	42·9	− 0·2	605	−106	448	− 68	112	− 7	20·06	510	− 84	3·1	− 0·3	24	1010
Eastern.																			
1. SCOTLAND, EAST ...	75	2	48·2	36·4	42·1	− 1·2	623	−188	608	+24	107	+ 6	12·39	315	− 28	3·4	− 0·6	26	1011
2. ENGLAND, N.E. ...	79	16	50·1	38·0	43·8	− 0·7	850	− 61	516	+66	84	− 8	11·41	289	+20	3·7	− 0·6	29	1013
3. ENGLAND, EAST ...	81	18	51·6	39·3	45·3	− 0·1	1070	− 13	476	+ 9	88	− 2	12·18	308	+45	4·4	− 0·2	35	1014
4. MIDLAND COUNTIES	79	15	51·8	38·0	44·7	− 0·6	1007	− 85	516	+22	90	+ 1	14·01	355	+55	3·6	− 0·5	28	1014
5. ENGLAND, S.E. ...	78	17	52·3	40·0	45·9	− 0·6	1113	− 63	398	+41	86	− 1	13·85	352	+58	4·7	0·0	37	1014
Western.																			
6. SCOTLAND, WEST[1] ...	73	15	50·0	38·1	43·9	− 1·0	786	−143	453	+63	105	− 3	18·27	462	− 63	3·5	− 0·6	28	1012
7. ENGLAND, N.W.[2] ...	75	21	50·6	39·9	45·1	− 0·4	923	− 71	366	+ 6	99	+ 3	14·53	368	− 8	3·8	− 0·4	30	1013
8. ENGLAND, S.W.[3] ...	75	14	51·7	40·7	46·1	− 0·6	1045	− 91	309	+25	94	− 2	17·91	452	+31	4·1	− 0·4	32	1013
9. IRELAND, NORTH ...	72	18	51·1	40·2	45·5	− 0·2	923	− 65	287	− 26	119	+ 2	17·22	437	+ 7	3·6	− 0·3	28	1011
10. IRELAND, SOUTH ...	75	21	52·8	41·6	47·0	− 0·2	1140	− 51	226	− 16	110	+ 6	18·92	479	+21	3·5	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	77	30	53·1	44·5	48·7	− 0·2	1305	− 55	88	− 12	99	− 2	15·06	384	+37	5·0	− 0·4	39	1014
MEAN: DISTRICTS 1-10	81	2	51·0	39·2	44·9	− 0·6	948	− 83	415	+21	98	0	15·07	382	+14	3·8	− 0·4	30	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E	6. Scotland, W (*and I. of Man*).	7. England N.W (*and N. Wales*).	8. England, S.W (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Very Heavy	Light	Very Light	Light	Very Light	Light	Moderate	Moderate	Light	Moderate	Moderate	Light
	Sunshine ..	Scanty	Scanty	Moderate	Abundant	Moderate	Abundant	Scanty	Scanty	Scanty	Scanty	Very Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 4 weeks from June 1st, 1924	Warmth ..	0, 3, 1	0, 3, 1	1, 2, 1	2, 1, 1	0, 3, 1	0, 3, 1	0, 3, 1	0, 3, 1	0, 3, 1	0, 4, 0	0, 4, 0	0, 4, 0
	Rainfall ..	1, 2, 1	1, 2, 1	1, 2, 1	1, 2, 1	2, 1, 1	2, 1, 1	1, 2, 1	1, 3, 0	2, 1, 1	1, 3, 0	3, 1, 0	1, 1, 2
	Sunshine ..	2, 0, 2	1, 1, 2	0, 2, 2	2, 0, 2	0, 2, 2	2, 0, 2	0, 1, 3	0, 1, 3	0, 2, 2	0, 1, 3	0, 0 4	0, 2, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of eastern and central England was fine and warm throughout but in other parts of the British Isles the conditions were more variable. The highest maximum temperature, 82°F., was recorded at London (Camden Square) on the 26th. In Scotland the recorded temperature did not anywhere exceed 68°F. Temperature was above the average in England N.E., E., S.E., and in the Midland Counties. The lowest screen minimum temperature was 36°F. at West Linton (Peebles), on the 26th and 27th. Grass minimum temperatures below 30°F. occurred at Rhayader (Radnor) on the 22nd and 28th and at Rounton (Yorks) on the 22nd, 23rd, and 28th, a reading of 24°F. being obtained at the latter station on the 22nd. Rainfall was everywhere below the average except in Scotland N. and W., and a considerable number of English stations were rainless or nearly so. The heaviest daily falls recorded at stations in this Report were 34mm. at Onich (Inverness) on the 25th, 26mm. at Achnashellach (Ross and Cromarty) on the 25th and 28th, 21mm. at Ford (Argyll) on the 25th and 20mm. at Douglas (I. of Man) on the 26th. A thunderstorm occurred at Edinburgh on the 25th and thunder was heard at a few Scottish stations on the 22nd and at Blackpool on the 26th. Sunshine was above the average in England N.E., E., S.E., and in the Midland Counties and the daily average at a number of stations exceeded 9 hrs. Many daily sunshine durations of 13 hrs. and over were recorded, the largest being 15·1 hrs. at Tunbridge Wells on the 26th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·3 hrs. at Margate to -5·1 hrs. at St Ann's Head On the evening of the 24th a tornado of moderate intensity pursued a narrow track over part of the city of Belfast doing a considerable amount of structural damage and inflicting minor injuries to a number of persons. Solar halos were widely observed, notably on the 26th, 27th, and 28th. One seen at Oxford on the 22nd was accompanied by a parhelion.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	57	24, 25, 26	45	22, 23, 28	54·7	47·1	50·6	- 0·9	5	1·41	36	+25
Orkneys	Deerness	160	p	60	25, 26	45	22, 23	57·6	47·3	52·1	- 0·4	4	0·90	23	+11
Hebrides	Stornoway ¶	51	t	60	24th	44	23rd	57·4	48·3	52·5	- 1·3	6	1·92	49	+34
	Castlebay	37	t	58	22nd	51	22, 27, 28	55·7	52·3	53·9	—	5	0·58	15	—
Caithness	Wick ... ¶	81	t	62	24th	44	28th	56·3	48·1	51·9	- 1·5	4	0·53	13	+ 1
Ross and Cromarty	Strathpeffer ¶	125	a	66	25th	46	28th	62·4	50·7	56·1	0·0	5	0·91	23	+11
	Achnashellach ¶	225	h	62	22nd	46	28th	58·4	49·7	53·8	—	6	3·25	83	—
Inverness	Inverness	242	h	64	26th	45	28th	61·3	49·7	55·1	—	3	0·09	2	—
	Fort Augustus ¶	68	a	65	22nd	—	—	61·1	—	—	—	4	0·69	18	+ 5
	Onich ... ¶	48	h	62	22nd	46	22nd	57·7	49·6	53·4	—	6	3·07	78	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	68	26th	43	23rd	63·6	49·7	56·2	+0·3	4	0·13	3	- 8
Elgin	Gordon Castle ¶	101	p	68	26th	45	22, 23, 28	64·0	49·1	56·0	- 0·1	4	0·31	8	- 5
Aberdeen	Aberdeen ... ¶	46	t	67	26th	44	22, 28	62·7	50·0	55·9	—	3	0·19	5	- 6
	Balmoral ... ¶	930	a	65	26th	41	28th	61·3	46·3	53·3	- 0·8	3	0·09	2	- 9
Perth	Crieff ... ¶	478	p	67	24th	39	22nd	61·4	46·4	53·4	- 4·1	2	0·03	1	- 13
Forfar	Dundee	147	a	68	24, 25	44	22nd	65·0	49·9	56·9	—	2	0·21	5	—
Fife	Inchkeith ... ¶	190	t	64	22nd	45	22nd	60·3	51·1	55·4	—	2	0·14	3	—
Midlothian	Edinburgh ...	441	p	66	26th	45	22nd	62·7	50·4	56·1	+0·2	2	0·04	1	- 10
Peebles	West Linton ¶	770	a	65	26, 27	36	22nd	63·1	43·7	52·7	- 1·4	7	0·34	9	—
Berwick	Marchmont ¶	498	a	67	24th	42	22, 28	62·9	48·6	55·3	- 0·5	1	0·08	2	- 11
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	63	23rd	44	22, 23	59·7	48·4	53·7	—	6	2·30	58	—
Renfrew	Renfrew ... ¶	36	t	65	22nd	39	22nd	61·6	49·4	55·1	—	3	0·21	5	—
Bute	Rothesay ... ¶	200	p	64	22nd	47	22, 28	60·3	49·9	54·7	- 2·1	5	0·57	15	- 4
Ayr	Kilmarnock ¶	90	a	67	22, 24	44	22nd	64·0	51·6	57·4	+1·2	4	0·26	7	- 7
	Colmonell... ¶	170	a	68	25th	42	22nd	63·6	50·0	56·3	+0·7	4	0·41	10	- 5
Dumfries	Dumfries ... ¶	140	p	68	24th	43	22nd	62·0	49·3	55·2	- 2·8	2	0·36	9	- 6
	Eskdalemuir ...	794	t	66	22, 24	39	22nd	59·7	45·7	52·2	—	4	0·72	18	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	2·2	—	12	—	—	-	—	—	—
Deerness §	1·5	- 3·1	8	—	—	—	—	—	-
Stornoway §	2·5	- 2·5	14	—	—	—	—	—	—
Castlebay ...	3·6	—	21	—	—	—	—	—	—
Achnashellach	—	—	—	0	37	—	—	—	—
Inverness §	4·3	—	24	0	43	—	—	—	—
Onich ...	1·8	—	10	0	42	—	—	—	—
Nairn §	3·6	—	20	—	—	—	—	—	—
Gordon Castle	2·5	—	14	—	—	—	—	—	—
Aberdeen §	4·4	- 1·9	25	0	32	—	—	50·2	- 1·3
Balmoral ...	—	—	—	0	37	—	—	—	—
(Kinc.)Crathes §	3·8	- 2·2	21	0	34	56·5	—	49·2	—
Dundee §	4·3	—	24	0	38	57·6	—	—	—
Inchkeith ...	6·6	—	38	0	37	—	—	—	—
Edinburgh §	6·8	+0·4	39	0	41	—	—	—	—
West Linton...	—	—	—	0	33	—	—	—	—
Marchmont §	6·7	+0·2	38	—	—	—	—	—	—
Ford ...	—	—	—	0	37	57·6	—	53·3	—
Renfrew ...	2·7	—	15	0	31	—	—	—	—
Rothesay §	2·6	- 3·4	15	0	40	58·9	—	53·7	+0·2
Kilmarnock ...	3·6	—	20	—	—	58·8	—	52·5	—
Colmonell ...	—	—	—	0	39	—	—	—	—
Dumfries ...	4·5	—	26	0	36	58·7	0·0	53·9	- 2·0
Eskdalemuir §	4·0	- 0·9	23	0	35	—	—	—	—

* *t* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	65	24th	46	28th	60·3	51·3	55·5	- 1·0	3	1·09	28	+13
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	69	24th	41	22, 23	64·0	47·4	55·1	- 0.2	1	0·01	0·3	- 13
	Tynemouth ¶	118	t	72	24th	46	28th	65·7	52·6	58·7	+2·3	0	0·00	0·1	- 12
Durham	Durham ... ¶	336	p	71	24th	41	22nd	65·3	49·3	56·7	- 0·6	2	0·02	0·4	- 12
York, N. Riding	Rounton ... ¶	249	p	71	24, 26	41	22nd	67·1	50·3	58·1	+1·3	2	0·08	2	- 11
	West Witton ...	605	a	72	24th	41	28th	67·1	50·7	58·3	—	1	0·05	1	—
	Scarborough ¶	118	h	78	26th	48	28th	72·6	54·3	62·8	+5·0	1	0·05	1	- 10
	York ... ¶	56	p	75	26th	45	22nd	69·5	52·0	60·1	+0·7	2	0·07	2	- 11
E. Riding	Spurn Head ¶	26	t	77	26th	51	28th	65·9	54·6	59·9	+1·7	1	0·04	1	- 8
Lincoln	Lincoln ... ¶	58	a	79	26th	46	28th	71·9	52·1	61·3	+1·3	1	0·01	0·3	- 12
	Cranwell ... ¶	236	t	77	26th	44	28th	70·3	50·4	59·7	+0·1	0	0·00	0·1	- 12
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	81	26th	51	23rd	69·2	55·0	61·6	+3·0	0	0·00	0	- 9
	Yarmouth ... ¶	13	t	80	26th	50	23, 28	69·1	54·1	61·1	+2·0	1	0·01	0·2	- 11
	Norwich ... ¶	93	a	81	26th	49	23, 28	72·1	54·3	62·6	+2·7	2	0·07	2	- 10
	Geldeston ... ¶	37	a	80	26th	48	23rd	71·5	53·0	61·6	+2·2	1	0·03	1	- 10
Cambridge	Cambridge ¶	41	p	79	26th	46	23rd	72·9	51·4	61·4	+0·9	0	0·00	0	- 11
Hertford	Rothamsted ¶	420	a	75	26th	46	28th	70·0	52·3	60·5	+1·1	0	0·00	0	- 12
Middlesex	Tottenham ¶	51	p	80	26th	50	28th	73·4	55·6	63·9	—	1	0·08	2	—
Essex	Clacton-on-Sea ¶	55	t	76	25th	49	28th	70·3	54·1	61·6	+1·9	1	0·01	0·3	- 9
	Southend	90	h	81	19, 21	50	28th	75·0	55·9	64·8	—	1	0·07	2	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	74	26th	43	28th	66·9	50·6	58·2	+1·0	1	0·01	0·2	- 16
	Sheffield	429	p	75	26th	47	22nd	68·0	53·0	60·0	—	1	0·01	0·2	- 14
Derby	Buxton	987	p	72	26th	40	22nd	68·1	48·6	57·7	+1·7	2	0·10	3	- 18
Nottingham	Worksop(Hods'ck)¶	56	a	79	26th	41	22nd	72·9	49·4	60·3	+1·3	1	0·01	0·3	- 13
	Nottingham ¶	192	a	77	26th	45	22nd	70·3	50·7	59·8	+0·7	0	0·00	0	- 12
Warwick	Birmingham (Edg)¶	525	t	73	25, 26	46	22nd	68·3	51·0	59·1	- 0·1	1	0·02	1	- 13
Northampton	Oundle ... ¶	147	a	76	25, 26	46	28th	70·9	51·9	60·7	—	0	0·00	0	—
Oxford	Oxford ... ¶	208	p	76	26th	47	28th	71·1	52·7	61·3	+1·0	0	0·00	0	- 14
Stafford	Cheadle ... ¶	646	a	76	26th	44	22nd	68·4	49·3	58·2	+0·5	1	0·02	0·4	- 17
Worcester	Tenbury ... ¶	313	p	75	24, 26	38	22nd	70·6	48·0	58·5	- 0·3	1	0·03	1	- 11
	Malvern	377	h	74	24th	48	22nd	68·4	52·4	59·8	—	1	0·02	1	—
Hereford	Hereford ... ¶	291	a	75	24th	40	22nd	68·7	48·1	57·7	- 1·9	0	0·00	0	- 13
Gloucester	Clifton ... ¶	225	a	70	26th	45	22nd	68·3	52·4	59·8	- 1·6	0	0·00	0	- 16
5. ENGLAND, S.E.															
London	Westminster ...	27	a	78	28th	52	26th	72·7	55·7	63·6	+2·1	1	0·02	0·4	- 10
	Greenwich ‡ ...	149	a	82	26th	47	23rd	75·9	52·9	63·6	+2·1	1	0·06	2	- 8
	Hampstead ...	450	a	77	26th	48	28th	71·9	54·0	62·3	—	0	0·00	0	—
	Camden Square ...	110	a	82	26th	51	28th	75·7	55·7	65·0	+2·4	0	0·00	0	- 11
Surrey	Richmond (KewO)¶	18	t	78	26th	51	22, 23, 28	73·1	54·8	63·3	+2·3	0	0·00	0	- 11
	Wisley ... ¶	150	a	78	25, 26	46	28th	73·1	51·0	61·3	+1·4	0	0·00	0	- 9
Kent	Tunbridge Wells¶	354	h	78	25th	47	22, 23	72·7	51·3	61·3	+1·6	0	0·00	0	- 9
	Margate ... ¶	51	h	77	26th	52	23, 27	70·1	55·9	62·5	+2·3	1	0·14	4	- 5
	Dungeness ¶	21	t	68	22nd	47	23rd	66·0	52·1	58·6	- 0·7	0	0·00	0	- 8
Sussex	St. Leonards ¶	178	h	73	25th	52	22, 23, 28	67·4	54·2	60·3	+0·6	1	0·04	1	- 9
	Worthing	36	h	74	25th	50	22nd	69·0	53·3	60·6	—	0	0·00	0	—
I. of Wight	Ventnor ... ¶	59	a	71	25, 26	50	28th	68·1	53·6	60·4	0·0	0	0·00	0	- 9
Hampshire	Southampton ¶	64	p	76	25th	49	22, 28	71·1	52·6	61·2	- 0·2	0	0·00	0	- 10
Wiltshire	Marlborough ¶	424	a	74	26th	41	28th	70·4	49·3	59·1	+1·0	0	0·00	0	- 12
	Porton ¶	363	a	73	25th	43	22, 28	70·2	49·4	59·1	—	0	0·00	0	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	65	24th	44	28th	60·3	49·7	54·6	- 2·5	2	0·71	18	0
	Newton Rigg ¶	559	p	70	24th	44	28th	63·1	48·7	55·4	- 1·6	2	0·31	8	- 7
Lancashire	Stonyhurst ¶	377	a	67	25th	44	22nd	63·1	51·3	56·8	- 0·8	2	0·94	24	+ 3
	Blackpool ¶	66	h	67	25th	48	22nd	62·6	53·7	57·8	- 0·2	2	0·25	6	- 9
	Southport ¶	37	h	68	25th	46	22nd	63·0	53·7	58·0	- 0·3	2	0·36	9	- 6
Manchester	Whitworth Pk. ¶	125	p	72	26th	44	22nd	66·3	52·0	58·7	- 1·0	2	0·20	5	- 13
Cheshire	Liverp'l (Bidston) ¶	189	a	69	25th	50	22, 28	63·1	53·6	58·0	- 0·9	2	0·12	3	- 12
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	72	25th	47	22nd	66·9	53·7	59·8	+0·3	2	0·06	2	- 11
Carnarvon	Llandudno ¶	22	h	68	25th	47	22nd	63·3	53·7	58·2	- 0·8	2	0·26	7	- 7
Anglesey	Holyhead ¶	26	t	64	24th	50	22nd	59·6	52·6	55·9	- 1·5	3	0·47	12	- 3
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	66	24th	47	22nd	61·6	53·6	57·3	—	2	0·17	4	—
Pembroke	St. Ann's Hd. ¶	150	t	60	27th	50	28th	58·6	52·7	55·4	- 1·7	1	0·03	1	- 11
Radnor	Rhayader ¶	757	a	68	25th	40	22nd	63·7	48·9	55·8	—	1	0·01	0·3	—
Glamorgan	Cardiff ... ¶	202	p	68	24th	46	22nd	66·0	51·1	58·0	- 1·0	1	0·02	1	- 15
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	72	26th	45	22nd	68·6	52·6	60·0	+0·4	1	0·01	0·3	- 13
Dorset	Shaftesbury ¶	722	a	71	22, 26	47	22, 28	69·0	50·0	58·8	+0·6	0	0·00	0	- 14
	Portland Bill ¶	19	t	63	22, 24	53	27th	61·0	54·9	57·7	- 0·8	0	0·00	0	- 9
Devon	Arlington ¶	613	a	65	22, 24, 26	44	22nd	63·6	50·7	56·7	- 0·6	5	0·17	4	- 16
	Cullompton ¶	202	a	71	23, 26	41	22nd	69·7	50·9	59·7	+0·4	0	0·00	0	- 13
	Plymouth ¶	116	p	71	25th	47	22nd	66·1	52·3	58·7	- 0·9	1	0·01	0·3	- 14
Cornwall	Newquay ...	190	h	63	23, 26	47	22nd	60·9	53·3	56·8	- 1·6	4	0·10	3	- 9
	Falmouth ¶	167	h	66	27th	50	22nd	64·6	53·4	58·6	- 0·3	0	0·00	0	- 14
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	66	25th	47	25th	59·6	51·0	55·0	- 0·7	7	0·43	11	- 3
Mayo	Blacksod Point ¶	10	t	62	23, 24	50	22, 23	59·6	52·6	55·9	- 1·1	6	0·51	13	- 4
	Mallaranny ...	120	a	62	24th	50	23, 27	59·3	52·1	55·5	-	7	2·38	60	—
Sligo	Markree Castle ¶	122	p	70	23, 24	40	22nd	64·4	49·6	56·5	+0·2	5	0·53	13	- 6
Armagh	Armagh ... ¶	204	p	71	23rd	45	22nd	65·0	50·9	57·5	+0·4	4	0·42	11	- 5
Down	Donaghadee ¶	35	t	68	25th	46	22, 28	62·7	50·7	56·3	- 0·2	4	0·30	8	- 7
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	73	25th	48	28th	66·6	54·4	60·1	+0·8	3	0·41	10	- 2
King'sCounty	Birr Castle ¶	175	t	70	23rd	45	28th	64·0	52·1	57·6	- 0·2	3	0·40	10	- 4
Kilkenny	Kilkenny ¶	182	a	75	23rd	43	28th	67·0	52·6	59·3	+1·1	3	0·56	14	0
Waterford	Waterford ¶	137	a	69	24th	46	28th	65·4	52·9	58·7	+0·1	1	0·22	5	- 10
	Seskin, Carrick-on-Suir	542	p	73	23rd	45	28th	66·3	50·4	57·8	—	1	0·24	6	—
Limerick	Foynes ... ¶	50	a	67	23rd	50	26, 28	63·3	52·4	57·5	- 0·8	6	0·58	15	0
Kerry	Cahirciveen ¶	30	t	60	23, 28	51	28th	58·7	53·7	56·0	- 2·0	5	0·68	17	- 1
	Killarney ¶	174	a	71	23rd	47	28th	63·5	52·4	57·6	- 0·8	6	0·81	21	+ 5
Cork	Roche's Point ¶	32	t	69	23rd	47	28th	61·4	52·7	56·8	- 1·4	2	0·23	6	- 9
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	64	27th	52	22, 23, 28	62·3	52·9	57·3	- 1·5	3	0·11	3	- 5
Guernsey	Grange ... ¶	173	p	66	27th	51	22nd	63·6	53·3	58·1	- 2·0	2	0·02	1	- 7
Jersey	St. Heliers ¶	28	h	69	26, 27	49	22nd	66·1	53·9	59·6	- 0·9	0	0·00	0	- 9

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·1	- 2·7	24	0	41	—	—	—	—
Cockle Park §	6·0	0·0	35	0	37	58·5	+2·1	53·4	+0·1
Tynemouth ...	—	—	—	0	41	—	—	—	—
Durham §	5·9	+0·2	34	0	32	—	—	—	—
Rounton ...	—	—	—	3	24	59·7	—	—	—
West Witton	—	—	—	0	35	59·3	—	51·2	—
Scarborough †§	7·2	+1·2	42	0	43	—	—	57·1	—
York §	6·2	+0·2	36	—	—	59·3	- 1.4	53·8	- 0·5
Spurn Head...	9·2	—	55	—	—	—	—	—	—
Lincoln ...	—	—	—	0	42	61·8	+2·4	55·3	0·0
Cranwell §	8·5	+1·7	51	0	39	—	—	—	—
Skegness §	8·9	+1·6	53	—	—	—	—	—	—
Cromer §	9·3	+2·2	55	—	—	—	—	—	—
Yarmouth §	9·3	—	56	—	—	62·7	+1·0	57·6	- 0·3
Norwich ...	9·1	—	55	0	45	64·9	—	—	—
Geldeston §	7·5	0·0	45	—	—	—	—	—	—
Cambridge §	8·5	+1·2	51	0	40	64·8	+3·7	58·3	+1·0
Rothamsted §	9·6	+2·4	58	0	36	63·4	—	—	—
Tottenham §	9·9	—	60	—	—	—	—	—	—
Clacton-on-Sea§	9·2	+1·3	55	0	45	63·7	+3·6	58·0	+0·5
Southend ...	9·0	—	55	0	49	65·3	—	—	—
Harrogate §	7·0	+0·3	41	0	36	56·6	+0·9	53·4	- 0.5
Sheffield §	7·3	+1·0	43	0	42	60·3	+3·1	54·1	+1·4
Buxton ...	6·1	—	36	0	41	60·3	+3·5	51·9	- 0·7
Worksop §	7·2	+1·5	43	0	35	61·1	—	55·5	—
Nottingham §	5·1	- 1·1	31	0	41	60·4	+1·2	56·1	+0·3
Birmingham §	6·1	+0.9	37	0	35	57·2	+3·0	50·6	- 0·3
Oundle ...	8·4	—	51	0	43	63·9	—	55·9	—
Oxford §	7·7	+0·8	46	0	39	—	—	—	—
Cheadle ...	—	—	—	0	44	—	—	—	—
Tenbury ...	—	—	—	0	33	60·8	—	—	—
Malvern ..	7·4	—	45	0	41	62·2	—	57·2	—
Ross on Wye§	7·9	—	48	0	40	62·7	—	57·3	—
Clifton §	6·9	- 0·4	42	0	45	—	—	—	—
Westminster	9.3	+2·9	56	0	46	—	—	—	—
Greenwich ...	8·3	+1·0	50	0	35	—	—	—	—
Hampstead ...	10.5	—	64	0	40	—	—	—	—
Camden Square	—	—	—	0	46	64·7	—	55·5	—
Richmond § (Kew Obs.)	9·5	+2·3	58	0	41	65·1	+4·9	57·0	+1·0
Wisley §	8·8	+1·3	53	0	35	64·8	+4·3	57·1	+0·5
Tunbridge W'ls§	9·4	+1·9	57	0	38	64·0	—	58·0	—
Margate §	10·5	+3·3	64	0	46	66·7	+5·2	60·8	+2·7
Folkestone §	7·8	—	48	0	44	—	—	55·9	—
St. Leonards §	9·7	+1·3	59	0	46	65·5	—	57·7	—
Worthing §	10·2	+1·8	62	0	47	65·1	+3·0	57·5	- 0·2
Ventnor §	9·0	+1·0	55	—	—	—	—	—	—
Southampton§	9·4	+1·5	57	0	45	—	—	—	—
Marlborough§	7·3	+0·6	44	0	39	62·6	—	55·4	—
Porton ...	6·4	—	39	0	38	62·6	—	—	—
Aspatria §	4.6	- 1·9	27	0	42	56·7	- 0·6	51·9	- 1·0
Newton Rigg§	4·9	- 1·5	29	0	38	—	—	—	—
Stonyhurst §	4·5	- 1.5	27	0	39	—	—	—	—
Blackpool §	4·6	- 2·6	27	0	42	62·2	—	54·2	—
Southport §	5·7	- 1·3	34	0	41	65·8	+4·3	60·3	+1·9
Whitworth Pk.	4·4	- 0·9	26	—	—	—	—	—	—
Oldham Road	4·4	- 0·8	26	0	42	60·4	+1·6	55·4	- 1·2
Bidston ...	5·6	—	33	0	45	—	—	—	—
(Ches.)Hoylake§	6·2	- 0·3	37	—	—	—	—	—	—
Llandudno §	5·5	- 1·5	32	—	—	—	—	—	—
Holyhead ...	4·1	—	24	0	44	—	—	—	—
Aberystwyth§	2·3	- 4·3	14	—	—	—	—	—	—
St. Ann's Hd.§	2·3	- 5·1	14	—	—	—	—	—	—
Rhayader §	5·7	—	34	2	28	—	—	—	—
Cardiff ...	6·8	—	41	0	40	61·8	+1·4	55·7	- 0·7
Bath ... §	6·5	- 0·7	40	—	—	63·0	—	57·6	—
Shaftesbury...	—	—	—	—	—	—	—	55·3	—
Weymouth ...	7·4	—	45	—	—	—	—	—	—
Arlington ...	—	—	—	0	40				
Cullompton §	5·0	- 1·7	30	0	36	61·4	—	—	—
Plymouth §	5·9	- 1·6	36	0	43	61·4	- 0·2	55·9	—
Newquay §	3·5	- 4·0	21	—	—	60·4	—	55·8	—
Falmouth §	3·7	- 4·2	22	0	45	63·0	—	58·9	—
Malin Head...	3·3	—	19	—	—	—	—	—	—
Mallaranny ...	2·0	—	12	—	—	—	—	—	—
MarkreeC'stle§	2·5	- 2·1	14	0	36	59·9	+1·0	54·0	- 0·3
Armagh §	3·3	- 1·5	19	0	40	59·5	+1·3	54·5	- 0·1
Trinity Coll.	—	—	—	0	44	60·2	+1·2	55·4	- 0·2
Phœnix Park §	3·6	- 2·2	21	0	39	—	—	—	—
Dublin City ...	—	--	—	0	43	—	—	—	—
Birr Castle §	2·0	- 3·0	12	0	36	—	—	—	—
Seskin ...	4·0	—	24	—	—	—	—	—	—
Cahirciveen (Valencia O.)§	1·1	- 4·5	7	0	47	—	—	—	—
Ballinacurra §	2·3	- 3·7	14	—	—	—	—	—	—
St. Mary's §	3·1	- 5·1	19	—	—	—	—	—	—
Grange §	8·2	- 0·7	50	0	49	64·8	+3·0	59·3	+0·7
St. Heliers §	7·6	- 1·1	47	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, June 28th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d. h. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d. h. m.
0. SCOTLAND, N.																		
Shetlands Lerwick ...	310	42	‡	—	0	27	4	72	68	24	0	30	28	13	27 5	40	18	27 4 30
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	27	2	39	106	21	0	310	29	13	27 4	—	—	— — —
1. SCOTLAND, E.																		
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	41	98	29	0	300	22	10	27 7	39	17	27 7 10
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	104	54	10	0	240	25	11	28 21	39	17	28 23 25
6a. SCOTLAND, W.																		
Renfrew Paisley ...	188	81	15	—	0	—	0	48	108	12	0	230	24	11	28 18	50	22	28 18 55
Dumfries Eskdalemuir ...	825	50	22	—	0	26, 27, 28	6	86	53	23	0	220	29	13	28 14	45	20	28 14 10
2. ENGLAND, N.E.																		
Durham South Shields...	72	61	12	—	0	27	2	63	92	11	0	260	27	12	27 5	41	18	27 4 50
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	54	80	29	5	300	24	11	27 10	34	15	27 9 10
Lincoln Cranwell ...	280	43	31			Instrument out of	action.											
3. ENGLAND, E.																		
Norfolk Gorleston ...	52	42	‡	—	0	—	0	8	91	69	0	160	16	7	26 15	22	10	26 13 55
Essex Shoeburyness...	103	90	‡	—	0	—	0	5	101	53	9	—	14	6	26 17	26	12	27 5 7
5. ENGLAND, S.E.																		
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	0	106	62	0	210	11	5	26 17	22	10	28 17 25
Kent Lympne ...	409	70	‡	—	0	—	0	10	119	39	0	350	15	7	27 24	20	9	28 0 30
Surrey Croydon ...	284	40	24	—	0	—	0	3	128	37	0	230	14	7	26 15	22	10	26 15 0
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	1	153	14	0	250	15	7	28 24	20	9	(27 22 20 (28 23 55
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	—	0	20	131	11	6	250	18	8	28 15	29	13	28 16 10
Wiltshire Larkhill, (S'y Plain)...	513	63	43	—	0	—	0	14	154	0	0	290	15	7	28 16	21	9	28 15 20
7a ENGLAND, N.W.																		
Lancashire Fleetwood ...	112	50	12	—	0	27, 28	4	85	63	16	0	290	27	12	27 6	39	17	28 16 20
Lancashire Southport ...	80	62	48	—	0	27, 28	14	84	68	2	0	230	36	16	28 17	48	21	28 16 25
7b. NORTH WALES.																		
Anglesey Holyhead ...	64	45	‡	—	0	—	0	100	49	3	16	210	24	11	28 18	37	17	28 18 36
8b. ENGLAND, S.W.																		
Devon Plymouth ...	185	88	2	—	0	—	0	25	104	39	0	—	16	7	28 13	25	11	27 16 30
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	7	90	71	0	240	16	7	28 14	21	9	28 17 30
10. IRELAND, S.																		
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	26	1	25	105	22	15	240	25	11	26 10	—	—	— — —
Clare Quilty	100	40	‡	—	0	28	6	65	96	1	0	—	26	11	28 16	37	16	28 16 10
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	68	97	3	0	220	22	10	28 23	32	14	28 22 55
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	15	118	35	0	—	21	9	28 14	34	15	28 14 10
11a. SCILLY ISLES.																		
Scilly St. Mary's ...	150	32	‡	—	0	—	0	17	123	28	0	270	19	9	28 22	26	12	28 22 15

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	10	5	2·2	13	7	3·3	7	5	2·2	6	4	1·7	22	12	5·3	4	4	2·0	20	5	2·3	21	9	3·8
North	11	8	3·6	8	5	2·3	8	6	2·9	8	4	1·7	5	2	0·7	17	5	2·1	1	5	2·2	6	5	2·0
West	15	9	4·2	26	13	6·0	11	5	2·4	18	5	2·3	27	7	2·9	23	7	3·1	17	9	3·8	21	6	2·7
East	8	4	2·0	0	—	—	5	4	1·6	1	1	0·6	0	—	—	0	—	—	7	4	1·8	3	1	0 4
Calm (or wind-speed < 4 m.p.h.)	5	—	—	2	—	—	11	—	—	8	—	—	0	—	—	3	—	—	1	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	3	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 3rd July, 1924.

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SUNDAY, JUNE 29TH TO SATURDAY, JULY 5TH, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-SEVENTH WEEK of 1924—June 29th to July 5th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	69	41	58·3	48·2	52·9	− 1·7	76	− 10	0	0	6	+ 2	1·36	35	+16	5·3	+1·1	30	995
Eastern.																			
1. SCOTLAND, EAST ...	67	42	61·1	48·1	54·1	− 2·2	85	− 13	0	0	6	+ 2	1·18	30	+14	6·2	+1·0	36	997
2. ENGLAND, N.E. ...	69	41	64·8	49·6	56·7	− 1·5	103	− 10	0	0	5	+ 2	0·73	19	+ 6	7·1	+0·6	42	1004
3. ENGLAND, EAST ...	71	38	67·9	51·9	59·3	− 0·6	121	− 4	0	0	3	0	0·23	6	− 5	8·3	+1·2	50	1008
4. MIDLAND COUNTIES	70	38	64·2	49·3	56·2	− 3·3	99	− 23	0	0	5	+ 2	0·69	18	+ 7	5·9	− 0·6	35	1005
5. ENGLAND, S.E. ...	70	36	65·4	52·3	58·4	− 2·1	115	− 15	0	0	4	+ 1	0·38	10	− 1	8·5	+1·1	52	1009
Western.																			
6. SCOTLAND, WEST[1] ...	67	44	60·3	49·5	54·5	− 2·5	87	− 18	0	0	6	+ 2	1·41	36	+19	5·5	− 0·5	32	1000
7. ENGLAND, N.W.[2] ...	67	44	61·9	50·4	55·8	− 2·5	97	− 17	0	0	6	+ 3	1·22	31	+18	5·7	− 0·8	34	1003
8. ENGLAND, S.W.[3] ...	68	38	62·4	51·1	56·4	− 2·8	101	− 19	0	0	5	+ 2	0·98	25	+12	6·2	− 0·9	38	1007
9. IRELAND, NORTH ...	64	41	59·8	48·7	53·9	− 3·2	83	− 22	0	0	6	+ 2	0·95	24	+11	4·9	− 0·2	29	999
10. IRELAND, SOUTH ...	66	39	60·9	49·1	54·6	− 4·0	88	− 28	0	0	6	+ 3	1·45	37	+23	6·3	+0·7	38	1002
11. CHANNEL ISLANDS[4]	69	50	63·4	53·9	58·4	− 1·9	115	− 13	0	0	5	+ 2	0·62	16	+ 4	7·5	− 0·7	47	1009
MEAN: DISTRICTS 1-10	71	36	62·9	50·0	56·0	− 2·5	98	− 17	0	0	5	+ 2	0·92	24	+10	6·5	+0·2	39	1003

THE SEASON (Summer).—Aggregates, &c., for the Period of 5 Weeks, June 1st to July 5th, 1924.

0. SCOTLAND, NORTH...	71	31	57·3	46·5	51·5	− 1·5	337	− 50	4	+ 3	23	+ 4	4·47	114	+31	4·9	0·0	27	1010
Eastern.																			
1. SCOTLAND, EAST ...	75	29	60·0	46·0	52·5	− 2·0	374	− 62	6	+ 5	22	+ 5	3·10	78	+12	5·6	− 0·2	32	1010
2. ENGLAND, N.E. ...	79	32	63·5	48·6	55·5	− 0·5	473	− 16	0	0	18	+ 3	2·54	65	+ 5	6·0	− 0·2	35	1013
3. ENGLAND, EAST ...	81	35	66·3	51·2	58·2	+0·4	566	+12	0	0	16	+ 1	1·93	49	− 9	6·9	0·0	42	1015
4. MIDLAND COUNTIES	79	33	64·9	48·9	56·4	− 1·1	504	− 40	0	0	19	+ 4	2·88	74	+11	5·5	− 0·8	33	1014
5. ENGLAND, S.E. ...	78	34	65·1	51·0	57·6	− 0·9	547	− 30	0	0	16	+ 2	2·59	66	+10	7·2	0·0	44	1015
Western.																			
6. SCOTLAND, WEST[1] ...	73	30	60·7	47·9	53·8	− 1·8	414	− 65	0	0	23	+ 5	4·04	103	+18	5·2	− 0·9	30	1011
7. ENGLAND, N.W.[2] ...	75	33	61·7	50·0	55·5	− 1·2	471	− 43	0	0	21	+ 5	3·38	86	+16	5·1	− 1·4	30	1013
8. ENGLAND, S.W.[3] ...	72	33	62·3	50·8	56·1	− 1·3	494	− 46	0	0	18	+ 2	3·34	84	+14	5·2	− 1·6	32	1015
9. IRELAND, NORTH ...	71	38	60·2	49·3	54·4	− 1·2	433	− 44	0	0	27	+ 7	3·73	94	+16	3·7	− 1·7	22	1011
10. IRELAND, SOUTH ...	75	39	62·2	50·8	56·1	− 1·1	493	− 39	0	0	26	+ 9	5·32	135	+59	3·9	− 2·0	24	1013
11. CHANNEL ISLANDS[4]	76	46	62·7	52·6	57·3	− 1·1	536	− 38	0	0	18	+ 3	1·93	49	− 5	6·9	− 1·1	42	1016
MEAN: DISTRICTS 1-10	81	29	62·7	49·5	55·6	− 1·1	477	− 37	1	+ 1	21	+ 4	3·29	83	+15	5·4	− 0·9	32	1013

THE YEAR. Aggregates, &c., for the Period of 27 Weeks, December 30th, 1923, to July 5th, 1924.

0. SCOTLAND, NORTH...	71	12	48·5	38·3	43·2	− 0·3	681	−116	448	− 68	118	− 5	21·42	545	− 68	3·2	− 0·3	24	1009
Eastern.																			
1. SCOTLAND, EAST ...	75	2	48·7	36·8	42·5	− 1·2	708	−201	608	+24	113	+ 8	13·57	345	− 14	3·5	− 0·6	27	1011
2. ENGLAND, N.E. ...	79	16	50·6	38·4	44·3	− 0·7	953	− 71	516	+66	89	− 6	12·14	308	+26	3·9	− 0·5	30	1013
3. ENGLAND, EAST ...	81	18	52·2	39·8	45·8	− 0·1	1191	− 17	476	+ 9	91	− 2	12·41	314	+40	4·5	− 0·2	35	1014
4. MIDLAND COUNTIES	79	15	52·3	38·4	45·1	− 0·7	1106	−108	516	+22	95	+ 3	14·70	373	+62	3·7	− 0·5	29	1013
5. ENGLAND, S.E. ...	78	17	52·8	40·4	46·4	− 0·6	1228	− 78	398	+41	90	0	14·23	362	+57	4·8	0·0	38	1014
Western.																			
6. SCOTLAND, WEST[1] ...	73	15	50·4	38·5	44·2	− 1·2	873	−161	453	+63	111	− 1	19·68	498	− 44	3·6	− 0·6	28	1012
7. ENGLAND, N.W.[2]	75	21	51·0	40·2	45·5	− 0·5	1020	− 88	366	+ 6	105	+ 6	15·75	399	+10	3·9	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	75	14	52·1	41·1	46·4	− 0·7	1146	−110	309	+25	99	0	18·89	477	+43	4·2	− 0·5	33	1013
9. IRELAND, NORTH ...	72	18	51·4	40·5	45·8	− 0·3	1006	− 87	287	− 26	125	+ 4	18·17	461	+18	3·6	− 0·4	28	1010
10. IRELAND, SOUTH ...	75	21	53·1	41·8	47·3	− 0·3	1228	− 79	226	− 16	116	+ 9	20·37	516	+44	3·6	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	77	30	53·5	44·9	49·1	− 0·3	1420	− 68	88	− 12	104	0	15·68	400	+41	5·1	− 0·4	40	1014
MEAN: DISTRICTS 1-10	81	2	51·5	39·6	45·3	− 0·6	1046	−100	415	+21	103	+ 2	15·99	405	+24	3·9	− 0·5	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

	DISTRICTS OF THE BRITISH ISLES.												
	Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
	0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W (*and I. of Man*).	7. England N.W (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10 Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year .. Warmth ..	Deficient	Deficient	Deficient	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Very Deficient	Deficient
Rainfall ..	Heavy	Heavy	Heavy	Moderate	Heavy	Moderate	Heavy	Heavy	Heavy	Heavy	Very Heavy	Heavy
Sunshine ..	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 5 weeks from June 1st, 1924	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.
Warmth ..	0, 3, 2	0, 3, 2	1, 2, 2	2, 2, 1	0, 3, 2	0, 3, 2	0, 3, 2	0, 3, 2	0, 3, 2	0, 4, 1	0, 4, 1	0, 4, 1
Rainfall ..	2, 2, 1	2, 2, 1	2, 2, 1	1, 3, 1	3, 1, 1	2, 2, 1	2, 2, 1	2, 3, 0	3, 1, 1	2, 3, 0	4, 1, 0	2, 1, 2
Sunshine ..	3, 0, 2	1, 2, 2	0, 3, 2	2, 1, 2	0, 3, 2	2, 1, 2	0, 2, 3	0, 2, 3	0, 3, 2	0, 2, 3	0, 1, 4	0, 3, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was unsettled and cool, with rainfall mainly above normal. Temperature was below normal in all Districts, the deficiency in Ireland S. being as much as 4°F. The highest maximum temperature, 72°F., was recorded at Camden Square on July 1st. Maximum temperatures for the week occurred on each day of the week in different places. The lowest screen minimum temperature was 36°F. at Marlborough on July 1st. Grass minimum temperatures below 30°F. occurred at Rhayader (Radnor), at Rounton (Yorks.) and at Wisley (Surrey) on July 1st. It was reported that bracken was blackened by the frost at the latter place. July 1st was the coldest night generally. Rainfall was below normal only in England E. and S.E. A considerable number of falls exceeding 20mm. were reported on July 3rd from the western part of the country, the heaviest being 32mm. at Douglas (I. of Man) and 31mm. at Aspatria (Cumberland). Among other daily falls were 32mm. at Lerwick on the 5th, 29mm. at Valencia on the 2nd and at Holyhead on the 4th and 25mm. at Onich (Inverness-shire) on the 4th. Thunderstorms were widely reported in England and Ireland on the 3rd and 4th and a few also on the 5th. High winds, reaching gale force in exposed places, occurred between the 2nd and 4th, mainly on the 3rd. Sunshine was above normal over the eastern part of Great Britain and in Ireland S.; elsewhere it was below normal. A moderate number of daily sunshine durations exceeding 12 hrs. were obtained, the greatest being 14·6 hrs. at Eastbourne on the 1st and 14·5 hrs. at Lerwick on the 2nd. The daily mean at Margate was 10·3 hrs. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·4 hrs. at Margate to –1·9 hrs at Blackpoool. Solar halos were seen at Oxford on July 1st, 2nd and 5th, and at St. Leonards on the 4th, that of the 1st being accompanied by a parhelion.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	*t*	56	3, 5	45	2nd	53·9	47·7	50·8	– 1·4	4	1·61	41	+28
Orkneys	Deerness ...	160	*p*	61	3rd	46	29,30,1	56·7	47·3	51·7	– 1·3	6	0·67	17	+ 3
Hebrides	Stornoway ¶	51	*t*	60	2nd	43	30th	57·7	48·6	52·8	– 1·3	7	1·42	36	+19
	Castlebay ...	37	*t*	57	5th	48	30th	55·0	50·7	52·7	—	6	0·55	14	—
Caithness	Wick ... ¶	81	*t*	62	29, 3	43	5th	53·4	47·7	52·7	– 1·1	6	0·77	20	+ 5
Ross and	Strathpeffer ¶	125	*a*	63	2nd	42	5th	60·7	48·1	54·0	– 2·4	6	0·24	6	– 8
Cromarty	Achnashellach ¶	225	*h*	62	2nd	41	5th	57·7	47·3	52·1	—	7	1·83	47	—
Inverness	Inverness ...	242	*h*	64	3rd	44	30th	61·0	43·7	54·4	—	5	0·23	6	—
	Fort Augustus ¶	68	*a*	69	2nd	42	30th	61·9	48·6	54·8	– 1·3	5	0·81	21	+ 5
	Onich .... ¶	48	*h*	61	4th	45	30th	58·0	49·3	53·4	—	7	2·82	72	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	64	2nd	45	30th	61·9	49·0	55·0	– 1·1	7	0·67	17	+ 3
Elgin	Gordon Castle ¶	101	*p*	65	3rd	45	30th	62·8	49·1	55·4	– 0·8	6	0·78	20	+ 3
Aberdeen	Aberdeen ... ¶	46	*t*	67	29, 3	47	30th	63·9	49·7	56·3	—	6	1·23	31	+16
	Balmoral ... ¶	930	*a*	61	29, 3	42	30, 5	53·9	45·4	51·7	– 2·5	6	1·11	28	+14
Perth	Crieff ... ¶	478	*p*	62	30, 1	44	1st	60·4	46·7	53·1	– 4·3	5	1·54	39	+22
Forfar	Dundee	147	*a*	65	29, 1, 5	48	30, 1, 5	64·9	49·4	56·6	—	5	0·95	24	—
Fife	Inchkeith ... ¶	190	*t*	61	2nd	49	30, 1, 5	59·1	50·1	54·3	—	5	1·11	28	—
Midlothian	Edinburgh ...	441	*p*	63	29th	48	30, 1, 5	61·1	48·9	54·6	– 1·6	6	1·72	44	+30
Peebles	West Linton ¶	770	*a*	62	3rd	42	5th	59·9	46·4	52·7	– 1·6	7	1·51	38	—
Berwick	Marchmont ¶	493	*a*	64	29, 3	45	1, 5	62·3	48·0	54·7	– 1·3	6	1·49	38	+21
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	*a*	62	5th	44	30th	58·7	48·6	53·3	—	6	1·63	41	—
Renfrew	Renfrew ... ¶	36	*t*	62	1, 3	47	30th	60·3	50·0	54·9	—	7	1·14	29	—
Bute	Rothesay ... ¶	200	*p*	62	5th	46	30th	58·9	48·7	53·4	– 3·6	7	0·94	24	+ 4
Ayr	Kilmarnock ¶	90	*a*	67	1st	47	30th	63·9	50·1	56·5	0·0	6	1·17	30	+15
	Colmonell... ¶	170	*a*	63	1st	48	30th	61·1	49·9	55·1	– 0·8	6	0·89	23	+ 7
Dumfries	Dumfries ... ¶	140	*p*	63	29th	47	1st	60·4	49·6	54·6	– 3·7	5	1·52	39	+24
	Eskdalemuir ...	794	*t*	60	1st	43	1st	58·4	46·9	52·3	—	6	1·34	34	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	4·8	—	26	—	—	—	—	—	—
Deerness §	5·2	+0·7	29	—	—	—	—	—	—
Stornoway §	4·1	– 0·8	23	—	—	—	—	—	—
Castlebay ...	4·9	—	28	—	—	—	—	—	—
Achnashellach	—	—	—	0	31	—	—	—	—
Inverness §	6·7	—	38	0	41	—	—	—	—
Onich ...	2·3	—	13	0	39	—	—	—	—
Nairn §	6·5	—	37	—	—	—	—	—	—
Gordon Castle	6·1	—	34	—	—	—	—	—	—
Aberdeen §	6·5	+1·1	37	0	38	—	—	51·1	– 0·9
Balmoral ...	—	—	—	0	39	—	—	—	—
(Kinc.)Crathes §	5·0	– 0·1	28	0	38	55·3	—	50·0	—
Dundee §	5·8	—	33	0	42	58·0	—	—	—
Inchkeith ...	7·2	—	41	0	45	—	—	—	—
Edinburgh §	6·8	+1·2	39	0	44	—	—	—	—
West Linton...	—	—	—	1	30	—	—	—	—
Marchmont §	6·8	+1·3	39	—	—	—	—	—	—
Ford ...	—	—	—	0	43	57·3	—	53·7	—
Renfrew ...	4·6	—	26	0	41	—	—	—	—
Rothesay §	4·3	– 1·8	25	0	43	55·3	—	54·0	– 0·1
Kilmarnock ...	4·3	—	25	—	—	57·2	—	53·6	—
Colmonell ...	—	—	—	0	46	—	—	—	—
Dumfries ...	7·1	—	41	0	38	57·6	– 1·8	54·0	– 2·4
Eskdalemuir §	5·5	+0·4	32	0	41	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature, Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
6b. ISLE OF MAN.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
I. of Man	Douglas ... ¶	284	h	61	29, 30	46	1st	58·7	49·3	53·7	− 3·1	4	2·55	65	+50	Douglas §	6·9	− 0·1	41	0	42	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	68	3rd	41	1st	64·4	45·9	54·5	− 1·2	5	1·37	35	+21	Cockle Park §	7·7	+1·7	45	0	41	56·8	+0·1	53·9	+0·2
	Tynemouth ¶	118	t	67	29th	48	1st	63·3	51·1	56·8	− 0·1	5	1·04	26	+14	Tynemouth ...	—	—	—	0	42	—	—	—	—
Durham	Durham ... ¶	336	p	65	29, 1, 3	45	1, 5	63·7	47·8	55·2	− 2·6	6	1·10	28	+15	Durham §	7·9	+2·0	46	0	36	—	—	—	—
York,	Rounton ... ¶	249	p	66	2, 3	44	1st	64·1	49·0	56·0	− 1·1	6	0·81	21	+ 7	Rounton ...	—	—	—	1	29	58·1	—	—	—
N. Riding	West Witton ...	605	a	64	2nd	45	1st	62·3	49·1	55·2	—	6	1·42	36	—	West Witton	—	—	—	0	45	57·4	—	52·0	—
	Scarborough ¶	118	h	68	30, 2, 5	49	1, 5	66·4	51·0	58·2	0·0	4	0·59	15	+ 3	Scarborough †§	7·0	+0·9	41	0	44	—	—	57·7	—
	York ... ¶	56	p	68	2nd	46	1st	65·4	50·7	57·5	− 2·2	5	0·63	16	+ 3	York §	5·6	− 0·4	33	—	—	58·0	− 0.3	54·7	− 0·1
E. Riding	Spurn Head ¶	26	t	67	1st	49	5th	63·7	51·6	57·2	− 1·5	6	0·23	6	− 3	Spurn Head...	5·9	—	35	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	69	1, 2, 4	44	1st	66·9	50·1	57·9	− 2·5	3	0·21	5	− 7	Lincoln ...	—	—	—	0	41	59·3	− 0·2	56·3	+0·6
	Cranwell ... ¶	236	t	68	2, 4	41	1st	65·7	49·3	56·9	− 3·0	6	0·59	15	+ 3	Cranwell §	7·1	+0·1	43	0	36	—	—	—	—
																Skegness §	7·3	− 0·1	44	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	70	2nd	48	1st	68·1	51·2	59·1	+0·2	4	0·16	4	− 5	Cromer §	8·0	+1·1	48	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	71	2nd	48	1st	68·6	52·7	60·1	+0·7	3	0·24	6	− 4	Yarmouth §	9·1	—	55	—	—	62·1	+0·2	59·0	+0·7
	Norwich ... ¶	93	a	70	1 2,	45	1st	68·6	52·1	59·8	− 0·3	4	0·33	8	− 4	Norwich ...	8·6	—	52	0	41	62·6	—	—	—
	Geldeston ... ¶	37	a	71	2nd	44	1st	68·5	51·7	59·5	− 0·2	3	0·15	4	− 6	Geldeston §	8·0	+0·8	48	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	70	2nd	38	1st	68·4	50·1	58·6	− 2·1	2	0·26	7	− 3	Cambridge §	8·1	+1·1	49	0	32	62·3	+1·0	59·1	+1·4
Hertford	Rothamsted ¶	420	a	66	29, 2, 4	40	1st	65·3	49·6	56·9	− 2·7	4	0·37	9	− 2	Rothamsted §	7·7	+0·7	47	0	40	60·6	—	—	—
Middlesex	Tottenham ¶	51	p	71	2nd	47	1st	68·4	53·6	60·5	—	2	0·15	4	—	Tottenham §	8·4	—	51	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	69	29, 2	46	1st	66·9	54·4	60·2	+0·1	3	0·17	4	− 5	Clacton-on-Sea§	8·6	+1·1	52	0	44	62·3	+2·0	59·0	+1·6
	Southend	90	h	70	29, 1, 2	48	1st	68·9	54·4	61·2	—	2	0·14	4	—	Southend ...	9·1	—	55	0	46	64·2	—	—	—
4. MIDLAND COUNTIES.																									
York,	Harrogate ¶	479		65	2nd	45	1st	62·3	48·6	55·0	− 2·6	7	0·96	25	+12	Harrogate §	6·2	− 0·4	37	0	38	55·3	− 0·8	53·9	− 0.4
W. Riding	Sheffield	429	p	69	29th	47	1st	64·6	50·0	56·8	—	5	0·53	13	+ 1	Sheffield §	6·2	− 0·2	37	0	42	58·4	+1·0	55·1	+1·6
Derby	Buxton ... ¶	987	p	65	2nd	39	1st	61·0	46·7	53·4	− 3·1	7	1·11	28	+10	Buxton ...	5·6	—	33	0	42	57·3	+0·4	53·0	− 0·1
Nottingham	Worksop(Hods'ck)¶	56	a	70	30th	43	1st	66·9	49·7	57·7	− 1·8	5	0·33	8	− 2	Worksop §	5·5	− 0·3	33	0	33	58·5	—	55·9	—
	Nottingham ¶	192	a	69	1st	43	1st	65·3	50·0	57·1	− 2·5	5	0·27	7	− 3	Nottingham §	5·1	− 1·1	31	0	39	58·2	− 1·1	56·7	+0·5
Warwick	Birmingham (Edg)¶	525	t	66	1st	45	2nd	62·3	49·0	55·2	− 4·5	5	0·44	11	0	Birmingham §	5·5	+0.2	33	0	32	54·5	0·0	51·2	− 0·1
Northampton	Oundle ... ¶	147	a	67	1, 2, 4	40	1st	66·1	49·6	57·3	—	4	0·19	5	—	Oundle ...	6·1	—	37	0	35	61·3	—	57·0	—
Oxford	Oxford ... ¶	208	p	68	30th	43	1st	66·3	50·4	57·8	− 3·1	4	0·46	12	+ 1	Oxford §	6·7	− 0·3	40	0	34	—	—	—	—
Stafford	Cheadle ... ¶	646	a	66	1, 2	42	1st	62·4	47.1	54.2	− 3·9	7	1·09	28	+14	Cheadle ...	—	—	—	0	45	—	—	—	—
Worcester	Tenbury ... ¶	313	p	66	1, 5	38	1st	64·3	48·4	55·8	− 3·5	5	0·59	15	+ 6	Tenbury ...	—	—	—	0	33	58·7	—	—	—
	Malvern	377	h	65	1, 5	47	1st	63·1	50·1	56·2	—	5	0·69	18	—	Malvern ...	5·3	—	32	0	40	60·3	—	58·0	—
Hereford	Hereford ... ¶	291	a	65	1, 5	40	2nd	62·1	48·3	54·7	− 5·3	5	0·78	20	+10	Ross on Wye §	5·8	—	35	0	35	60·0	—	58·0	—
Gloucester	Clifton ... ¶	225	a	65	4th	46	1st	63·7	52·3	57·6	− 4·3	5	1·81	46	+33	Clifton §	6·3	− 1·1	39	0	47	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	69	2nd	47	1st	67·6	54·4	60·5	− 1·5	2	0·10	3	− 8	Westminster	7·8	+1·7	48	0	43	—	—	—	—
	Greenwich ‡ ...	149	a	73	2nd	42	1st	70·6	51·9	60·6	− 1·5	4	0·13	3	− 8	Greenwich ...	8·1	+1·2	49	0	31	—	—	—	—
	Hampstead ...	450	a	69	1, 2	44	1st	66·7	51·3	58·5	—	4	0·32	8	—	Hampstead ...	8.1	—	49	0	32	—	—	—	—
	Camden Square ...	110	a	72	1st	47	1st	69·6	53·4	60·9	− 2·1	4	0·17	4	− 8	Camden Square	—	—	—	0	42	63·5	—	57·3	—
Surrey	Richmond (KewO)¶	18	t	70	1st	45	1st	68·7	53·6	60·6	− 0·9	3	0·19	5	− 6	Richmond § (Kew Obs.)	7·7	+0·9	47	0	34	62·4	+1·8	58·3	+1·8
	Wisley ... ¶	150	a	70	2nd	41	1st	67·7	50·7	58·6	− 1·9	4	0·21	5	− 5	Wisley §	8·4	+1·2	51	1	29	62·7	+1·7	58·1	+0·9
Kent	Tunbridge Wells ¶	354	h	69	30, 1	43	1st	66·1	50·7	57·9	− 2·3	5	0·52	13	+ 3	Tunbridge W'ls§	8·5	+1·3	52	0	32	63·1	—	59·2	—
	Margate ... ¶	51	h	69	2nd	52	4, 5	67·3	53·6	60·0	− 0·8	3	0·20	5	− 5	Margate §	10·3	+3·4	63	0	48	65·7	+3·8	62·5	+3·8
	Dungeness ¶	21	t	65	30, 1	55	2nd	63·9	56·3	59·8	− 0·1	5	0·27	7	− 2	Folkestone §	9·0	—	55	0	46	—	—	56·8	—
Sussex	St. Leonards ¶	178	h	64	1-4	50	1st	63·4	54·5	58·6	− 1·6	6	0·47	12	+ 1	St. Leonards §	7·7	− 0·3	47	0	45	65·0	—	59·2	—
	Worthing	36	h	66	30, 1, 5	45	1st	64·5	53·7	58·7	—	4	0·61	15	—	Worthing §	8·6	+0·6	53	0	43	63·9	+1·3	59·0	+0·7
I. of Wight	Ventnor ... ¶	59	a	65	1, 4	50	1st	64·0	53·9	58·6	− 2·2	3	0·16	4	− 6	Ventnor §	8·2	+0·5	50	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	66	1st	45	1st	64·0	52·0	57·6	− 4·3	4	0·32	8	− 3	Southampton§	9·4	+2·0	58	0	48	—	—	—	—
Wiltshire	Marlborough ¶	424	a	66	2, 1	36	1st	64·3	48·6	55·9	− 2·6	4	0·81	21	+ 8	Marlborough§	7·5	+1·1	46	0	34	59·8	—	56·1	—
	Porton ¶	363	a	66	1, 2	38	1st	64·6	49·0	56·3	—	3	0·65	17	—	Porton ...	6·7	—	41	0	32	60·7	—	—	—
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e) ¶	487	p	62	1st	44	29th	60·3	47·6	53·5	− 3·8	7	2·57	65	+50	Aspatria §	6.9	+0·5	41	0	45	54.2	− 3·8	51·8	− 1·5
	Newton Rigg ¶	559	p	63	1st	45	1st	61·0	48·1	54·1	− 3·3	6	1·97	50	+37	Newton Rigg§	5·8	− 0·7	34	0	37	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	63	1, 2	47	1st	61·1	50·1	55·2	− 2·7	6	1·39	35	+18	Stonyhurst §	4·4	− 1.8	26	0	44	—	—	—	—
	Blackpool ¶	66	h	66	1st	50	5th	63·6	52·7	57·8	− 0·6	5	1·31	33	+20	Blackpool §	5·4	− 1·9	32	0	44	60·7	—	55·1	—
	Southport ¶	37	h	65	2, 4	48	1st	63·0	51·9	57·1	− 1·5	5	1·12	28	+15	Southport §	6·1	− 1·1	36	0	44	62·5	+0·5	60·5	+1·6
Manchester	Whitworth Pk. ¶	125	p	66	1st	45	1st	63·0	50·1	56·1	− 3·9	6	0·75	19	+ 4	Whitworth Pk.	4·6	− 0·9	27	—	—	—	—	—	—
																Oldham Road	4·5	− 0·7	27	0	46	58·9	− 0·2	56·4	− 0·7
Cheshire	Liverp'l (Bidston) ¶	189	a	65	1st	49	4, 5	62·7	51·0	56·4	− 2·8	5	0·53	13	+ 1	Bidston ...	5·3	—	31	0	44	—	—	—	—
																(Ches.)Hoylake§	5·4	− 1·4	32	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	67	1st	47	1st	63·9	51·4	57·2	− 2·6	5	0·41	10	0										
Carnarvon	Llandudno ¶	22	h	66	1st	48	1st	62·7	51·9	56·9	− 2·4	5	0·44	11	0	Llandudno §	5·7	− 1·3	34	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	60	29, 1, 4	48	4th	59·3	51·3	55·0	− 2·7	6	1·67	42	+30	Holyhead ...	7·3	—	44	0	48	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	16	h	63	1st	49	1st	61·3	52·3	56·5	—	7	1·45	37	—	Aberystwyth§	5·8	− 0·9	35	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	59	30, 1, 2	51	4th	58·1	53·6	55·7	− 2·0	6	1·16	29	+18	St. Ann's Hd.§	5·8	− 1·7	35	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	62	1st	38	1st	60·1	48·1	53·7	—	7	1·73	44	—	Rhayader §	5·1	—	31	1	28	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	66	1st	49	1, 5	63 0	51·7	57·0	− 2·6	6	1·32	34	+21	Cardiff ...	6·5	—	39	0	36	59·6	− 1·2	56·5	− 0·3
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	67	5th	41	1st	65·3	51·4	57·9	− 2·4	6	0·48	12	+ 1	Bath ... §	6·1	− 1·3	37	—	—	61·7	—	58·5	—
Dorset	Shaftesbury ¶	722	a	67	1st	46	1, 4	63·6	48·3	55·4	− 3·6	4	0·64	16	+ 5	Shaftesbury...	—	—	—	—	—	—	—	56·1	—
	Portland Bill ¶	19	t	62	30th	53	4th	60·9	55·0	57·7	− 1·6	3	0·22	6	− 1	Weymouth ...	8·6	—	53	—	—	—	—	—	—
Devon	Arlington ¶	613	a	63	1st	41	1st	61·0	49·0	54·6	− 3·3	6	1·54	39	+22	Arlington ...	—	—	—	0	38	—	—	—	—
	Cullompton ¶	202	a	68	29, 2	41	1st	66·3	49·4	57·3	− 2·6	5	0·89	23	+11	Cullompton §	5·6	− 1·2	34	0	37	60·9	—	—	—
	Plymouth ¶	116	p	65	30th	47	1st	62·3	53·0	57·3	− 3·0	4	0·82	21	+ 9	Plymouth §	6·9	− 0·6	42	0	42	60·8	− 1·7	56·7	—
Cornwall	Newquay ...	190	h	63	29, 1	46	1st	61·8	51·6	56·3	− 2·8	5	0·74	19	+ 9	Newquay §	6·8	− 0·7	42	—	—	59·5	—	56·3	—
	Falmouth ¶	167	h	66	30th	47	1st	63·0	51·9	57·1	− 2·5	5	1·00	25	+13	Falmouth §	7·6	− 0·4	47	0	41	62·2	—	59·6	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	60	29, 1	47	30, 5	57·9	50·1	53·7	− 2·4	6	0·74	19	+ 7	Malin Head...	4·7	—	27	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	63	4th	49	30, 4	58·9	50·6	54·5	− 2·9	6	0·80	20	+ 6										
	Mallaranny ...	120	a	62	2nd	48	3, 4	59·7	49·4	54·2	—	5	1·39	35	-	Mallaranny ...	5·8	—	34	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	62	29th	41	1, 5	60·3	46·1	52·7	− 4·0	6	1·20	30	+15	MarkreeC'stle§	4·1	− 0·8	24	0	36	58·7	− 0·8	54·7	− 0 1
Armagh	Armagh ... ¶	204	p	63	30th	45	1st	61·0	48·6	54·4	− 3·2	7	1·11	28	+16	Armagh §	5·7	+0·5	33	0	43	58·0	− 1·0	55·0	− 0 2
Down	Donaghadee ¶	35	t	64	29th	46	1, 5	60·4	48·4	54·0	− 2·9	6	1·13	29	+17										
10. IRELAND, S.																Trinity Coll.	—	—	—	0	43	58·6	− 1·1	56·0	− 0·1
Dublin	Dublin City ¶	54	p	64	29, 1, 2	46	4th	62·0	50·0	55·6	− 4·0	6	1·33	34	+23	Phœnix Park §	7·2	+1·3	43	0	38	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	63	30th	42	4th	60·1	48·6	54·0	− 4·0	6	0·75	19	+ 6	Dublin City...	—	—	—	0	43	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	64	29, 30	39	4th	61·9	45·9	53·3	− 5·3	6	1·67	42	+29	Birr Castle §	5·3	+0·3	32	0	33	—	—	—	—
Waterford	Waterford ¶	137	a	66	29th	44	4th	61·9	49·0	55·0	− 3·9	6	2·13	54	+40										
	Seskin, Carrick-on-Suir	542	p	65	30, 1	44	4, 5	61·3	48·7	54·6	—	6	2·28	58	—	Seskin ...	4·9	—	30	0	35	—	—	—	—
Limerick	Foynes ... ¶	50	a	62	30, 1, 2	44	1, 4	61·1	48·6	54·4	− 4·1	6	0·70	18	+ 4										
Kerry	Cahirciveen ¶	30	t	60	2, 5	44	1st	58·3	50·4	54·1	− 4·1	5	2·04	52	+35	Cahirciveen	6·4	+0·8	39	0	39	—	—	—	—
	Killarney ¶	174	a	63	29,30,5	43	1st	61·9	50·1	55·6	− 3·0	6	1·11	28	+13	(Valencia O.)§									
Cork	Roche's Point ¶	32	t	62	29, 30	46	1st	59·6	50·3	54·6	− 3·9	6	1·85	47	+34	Ballinacurra §	—	—	—	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	62	30, 2	50	1st	61·0	52·4	56·4	− 3·1	6	0·78	20	+ 8	St. Mary's §	7·3	− 0·4	45	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	66	5th	51	1st	64·4	54·3	59·0	− 1·8	5	0·58	15	+ 4	Grange §	8·8	+0·2	54	0	47	65·6	+3·4	60·6	+1·4
Jersey	St. Heliers ¶	28	h	69	1st	51	1st	64·9	55·1	59·7	− 1·5	5	0·49	13	+ 1	St. Heliers §	6·6	− 1·9	41	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, July 5th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	29, 30, 2	38	83	35	12	0	230	33	15	29	8	45	20	29	8	45
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	30, 2, 3	6	96	62	4	0	120	26	11	2	9	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	68	90	10	0	210	21	9	3	8	34	15	3	8	0
Edinburgh Edinburgh ...	485	39	31	—	0	29, 2	10	100	46	12	0	250	31	14	29	11	50	22	29	13	10
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	64	96	8	0	190	23	10	2	16	45	20	29	0	10
Dumfries Eskdalemuir ...	825	50	22	—	0	29, 2, 3	27	97	39	5	0	230	35	16	29	8	50	22	29	7	10
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	29, 4	6	69	90	3	0	250	27	12	29	14	45	20	29	13	40
York, E.R. Spurn Head ...	67	41	‡	—	0	3 to 5	8	128	31	1	0	250	36	16	3	23	58	26	3	23	35
Lincoln Cranwell ...	280	43	31			Instrument out of	action.														
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	2 to 4	14	83	57	14	0	180	30	13	3	12	44	20	3	21	55
Essex Shoeburyness...	103	90	‡	—	0	3 to 5	16	114	34	4	0	—	33	14	3	19	48	21	3	19	35
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	3	1	78	75	14	0	210	25	11	3	19	44	20	3	18	20
Kent Lympne ...	409	70	‡	—	0	2, 3	8	84	73	0	3	230	30	13	3	20	47	21	3	19	40
Surrey Croydon ...	284	40	24	—	0	—	0	77	79	12	0	240	24	11	3	20	42	19	3	13	50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	3	2	83	76	7	0	220	25	11	3	18, 19	43	19	3	18	35
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	29, 2 to 5	26	117	18	7	0	230	34	15	3	19	51	23	3	18	50
Wiltshire Larkhill, (S'y Plain)...	513	63	43			Instrument out of	action.														
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	3	3	29, 30, 2 to 4	25	104	33	3	0	280	41	18	3	22	56	25	3	21	25
Lancashire Southport ...	80	62	48	3	2	29. 30, 2 to 5	51	83	31	1	0	290	44	20	3	21	56	25	3	20	50
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	29, 1 to 3, 5	26	11[illegible]	23	1	0	310	36	16	3	19	50	22	3	18	45
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	1 to 3, 5	24	94	34	12	4	—	34	15	3	13	50	22	5	20	55
Cornwall Pendennis Castle§...	256	65	24	—	0	1 to 5	33	66	51	15	3	210	34	15	3	13	46	21	3	13	15
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	29, 1 to 3	20	93	53	2	0	160	31	14	1	21	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	1, 2	12	76	70	10	0	170	31	14	1	15	49	22	1	15	10
Cork Weaver Pt. ...	160	30	‡	—	0	1, 5	8	83	69	8	0	—	29	13	1	17	45	20	5	16	50
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	1, 3, 5	22	118	13	15	0	270	38	17	3	16	48	21	3	15	40

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds be low 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	21	9	4·2	17	9	4·0	24	12	5·2	24	9	4·0	24	14	6·1	19	11	4·9	25	12	5·2	19	11	4·8
North	5	6	2·5	5	8	3·4	0	—	—	1	3	1·3	4	9	3·9	3	4	1.9	2	12	5·4	7	3	1·5
West	18	12	5·2	26	13	5·7	21	9	4·0	25	8	3·7	24	10	4·5	23	15	6·6	19	12	5·3	21	11	5·0
East	10	8	3·5	1	3	1·2	2	4	1·7	0	—	—	2	7	3.1	2	4	1·7	5	11	4·7	6	6	2·5
Calm (or wind-speed < 4 m.p.h.)	0	—	—	1	—	—	3	—	—	1	—	—	0	—	—	1	—	—	0	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 10th July, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

113

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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METEOROLOGICAL OFFICE 22 JUL 1924 LIBRARY

FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 28.

TWENTY-EIGHTH WEEK.
SUNDAY, JULY 6TH TO SATURDAY, JULY 12TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-EIGHTH WEEK of 1924—July 6th to July 12th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	81	33	63·7	49·6	56·1	+2·1	99	+10	0	0	5	+ 1	1·08	27	+10	5·8	+1·3	33	1010
Eastern.																			
1. SCOTLAND, EAST ...	80	41	63·0	49·9	57·4	+0·9	108	+ 8	0	0	5	+ 1	0·66	17	0	5·5	0·0	32	1011
2. ENGLAND, N.E. ...	87	47	71·3	53·5	61·8	+2·9	139	+23	0	0	2	- 1	0·11	3	- 10	7·7	+1·6	46	1015
3. ENGLAND, EAST ...	87	48	74·4	54·3	63·7	+3·2	152	+22	0	0	1	- 2	0·01	0	- 13	9·9	+3·1	61	1017
4. MIDLAND COUNTIES	87	46	73·7	53·3	62·8	+3·0	146	+22	0	0	1	- 2	0·03	1	- 12	8·5	+2·6	52	1015
5. ENGLAND, S.E. ...	86	45	71·7	54·3	62·4	+1·1	143	+10	0	0	1	- 2	0·04	1	- 10	10·2	+3·0	63	1018
Western.																			
6. SCOTLAND, WEST[1] ...	80	43	64·9	52·3	58·1	+1·0	113	+ 8	0	0	5	+ 1	0·77	20	- 2	3·9	- 2·1	23	1013
7. ENGLAND, N.W.[2] ...	85	47	67·4	53·8	60·1	+1·4	127	+10	0	0	3	0	0·25	6	- 11	5·9	- 0·5	35	1015
8. ENGLAND, S.W.[3] ...	84	43	68·1	53·9	60·5	+1·0	129	+ 7	0	0	2	- 1	0·10	3	- 13	7·5	+0·9	46	1017
9. IRELAND, NORTH ...	73	45	64·9	53·0	58·5	+1·4	115	+10	0	0	5	+ 1	0·64	16	- 2	3·5	- 1·5	21	1011
10. IRELAND, SOUTH ...	74	47	64·9	54·0	59·1	+0·4	120	+ 3	0	0	5	+ 1	0·51	13	- 5	3·3	- 2·2	20	1013
11. CHANNEL ISLANDS[4]	83	52	67·5	55·6	61·1	+0·1	134	+ 1	0	0	2	- 1	0·12	3	- 9	9·3	+1·4	58	1018
MEAN: DISTRICTS 1-10	87	41	68·7	53·2	60·4	+1·6	129	+12	0	0	3	0	0·31	8	- 8	6·6	+0·5	40	1015

THE SEASON (Summer).—Aggregates, &c., for the Period of 6 Weeks, June 1st to July 12th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	31	58·3	47·0	52·3	- 0·9	436	- 40	4	+ 3	28	+ 5	5·55	141	+41	5·0	+ 0·1	28	1010
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·0	46·6	53·3	- 1·5	482	- 54	6	+ 5	27	+ 6	3·76	95	+12	5·6	- 0·2	32	1011
2. ENGLAND, N.E. ...	87	32	64·8	49·4	56·6	+0·1	612	+ 7	0	0	20	+ 2	2·65	68	- 5	6·3	+ 0·1	37	1013
3. ENGLAND, EAST ...	87	35	67·6	51·7	59·1	+0·8	718	+34	0	0	17	- 1	1·94	49	- 22	7·4	+ 0·5	45	1015
4. MIDLAND COUNTIES	87	33	66·4	49·7	57·5	- 0·4	650	- 18	0	0	20	+ 2	2·91	75	- 1	6·0	- 0·2	36	1014
5. ENGLAND, S.E. ...	86	34	66·2	51·6	58·4	- 0·5	690	- 20	0	0	17	0	2·63	67	0	7·7	+ 0·5	47	1016
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·4	48·6	54·5	- 1·3	527	- 57	0	0	28	+ 6	4·81	123	+16	5·0	- 1·1	29	1012
7. ENGLAND, N.W.[2] ...	85	33	62·7	50·6	56·2	- 0·8	598	- 33	0	0	24	+ 5	3·63	92	+ 5	5·2	- 1·3	31	1013
8. ENGLAND, S.W.[3] ...	84	33	63·3	51·3	56·9	- 0·8	623	- 39	0	0	20	+ 1	3·44	87	+ 1	5·6	- 1·2	34	1015
9. IRELAND, NORTH ...	73	38	61·0	49·9	55·1	- 0·8	548	- 34	0	0	32	+ 8	4·37	110	+14	3·6	- 1·7	21	1011
10. IRELAND, SOUTH ...	75	39	62·7	51·3	56·6	- 0·8	613	- 36	0	0	31	+10	5·83	148	+54	3·8	- 2·0	23	1013
11. CHANNEL ISLANDS[4]	83	46	63·5	53·1	57·9	- 1·0	670	- 37	0	0	20	+ 2	2·05	52	- 14	7·3	- 0·7	45	1017
MEAN: DISTRICTS 1-10	87	29	63·7	50·1	56·4	- 0·6	606	- 25	1	+ 1	24	+ 4	3·60	91	+ 7	5·6	- 0·7	33	1013

THE YEAR. Aggregates, &c., for the Period of 28 Weeks, December 30th, 1923, to July 12th 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	49·0	38·7	43·7	- 0·2	780	-106	448	- 68	123	- 4	22·50	572	- 58	3·3	- 0·3	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	49·3	37·3	43·1	- 1·1	816	-193	608	+24	118	+ 9	14·23	362	- 14	3·5	- 0·6	27	1011
2. ENGLAND, N.E. ...	87	16	51·4	38·9	44·9	- 0·6	1092	- 48	516	+66	91	- 7	12·25	311	+16	4·0	- 0·5	31	1013
3. ENGLAND, EAST ...	87	18	53·0	40·3	46·4	- 0·1	1343	+ 5	476	+ 9	92	- 4	12·42	314	+27	4·7	0·0	37	1014
4. MIDLAND COUNTIES	87	15	53·1	39·0	45·8	- 0·5	1252	- 86	516	+22	96	+ 1	14·73	374	+50	3·8	- 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	53·4	40·9	47·0	- 0·6	1371	- 68	398	+41	91	- 2	14·27	363	+47	5·0	+ 0·1	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	50·9	39·0	44·7	- 1·1	986	-153	453	+63	116	0	20·45	518	- 46	3·6	- 0·7	28	1012
7. ENGLAND, N.W.[2] ...	85	21	51·6	40·8	46·0	- 0·4	1147	- 78	366	+ 6	108	+ 6	16·00	405	- 1	4·0	- 0·4	31	1012
8. ENGLAND, S.W.[3] ...	84	14	52·7	41·5	46·9	- 0·7	1275	-103	309	+25	101	- 1	18·99	480	+30	4·3	- 0·4	33	1013
9. IRELAND, NORTH ...	73	18	51·9	41·0	46·3	- 0·2	1121	- 77	287	- 26	130	+ 5	18·81	477	+16	3·6	- 0·4	28	1011
10. IRELAND, SOUTH ...	75	21	53·6	42·3	47·7	- 0·3	1348	- 76	226	- 16	121	+10	20·88	529	+39	3·6	- 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	54·0	45·3	49·5	- 0·3	1551	- 67	88	- 12	106	- 1	15·80	403	+32	5·2	- 0·4	40	1014
MEAN: DISTRICTS 1-10	87	2	52·1	40·1	45·9	- 0·6	1175	- 88	415	+21	106	+ 2	16·30	413	+16	4·0	- 0·4	31	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W (*and N. Wales*).	8. England, S.W (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Heavy	Moderate	Light	Light	Very Light	Very Light	Moderate	Light	Light	Moderate	Moderate	Light
	Sunshine ..	Abundant	Moderate	Abundant	Abundant	Abundant	Abundant	Scanty	Moderate	Moderate	Scanty	Scanty	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 6 weeks from June 1st, 1924	Warmth ..	1, 3, 2	0, 4, 2	2, 2, 2	3, 2, 1	1, 3, 2	0, 4, 2	0, 4, 2	0, 4, 2	0, 4, 2	0, 5, 1	0, 5, 1	0, 5, 1
	Rainfall ..	3, 2, 1	2, 3, 1	2, 2, 2	1, 3, 2	3, 1, 2	2, 2, 2	2, 3, 1	2, 3, 1	3, 1, 2	2, 4, 0	4, 2, 0	2, 1, 3
	Sunshine ..	4, 0, 2	1, 3, 2	1, 3, 2	3, 1, 2	1, 3, 2	3, 1, 2	0, 2, 4	0, 3, 3	0, 4, 2	0, 2, 4	0, 1, 5	1, 3, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The beginning of the week was comparatively cool but after the first two days the temperature rose steadily until the end of the period. In Scotland and Ireland there was no general increase of temperature until the last two days. The mean temperature of the week was above normal in all Districts, the excess being 3·2°F. in England E. A considerable number of maximum temperatures of over 80°F. were recorded, the highest being 90°F. at Camden Square (London), on the 12th. The highest Scottish maximum was 81°F. at Fort Augustus, and the highest Irish one 74°F. at Dublin, both on the 12th. This day was the hottest so far experienced this year. The lowest screen minimum temperature was 38°F. at Stornoway on the 6th. The only ground frost reported occurred at Achnashellach on the 6th. Precipitation was below normal everywhere save in Scotland N. and Scotland E. and no large falls were reported, 18mm. at Mallarany (Mayo) on the 6th, 15mm. at Achnashellach (Ross and Cromarty) and 14mm. at Ford (Argyll) on the 10th being the greatest. Thunderstorms were of very general occurrence in Scotland on the evening of the 12th, but apart from this the week was almost wholly free from thunder. Sunshine was above normal in many Districts but was below normal in England N.W., Scotland W. and the whole of Ireland. A number of daily sunshine durations of 13 hours and over were registered and five stations attained a duration of 15 hours, the highest being 15·5 hrs. at Lerwick on the 8th and 15·4 hrs. at Scarborough on the same day. In several cases the mean daily duration exceeded 10 hrs., that of Margate being 11·3 hrs. The departure of the mean daily duration from the normal varied from +4·6 hrs. at Oxford to − 4·0 hrs. at Ballinacurra (Cork). Solar halos were seen at Oxford on the 6th, 7th, 8th and 10th and at Stonyhurst on the 6th. A lunar halo was observed at Oxford on the 12th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	t	63	12th	47	6, 9	59·7	48·9	53·9	+2·3	4	0·80	20
Orkneys	Deerness	160	p	64	11th	45	6th	60·4	49·1	54·4	+1·9	4	0·70	18
Hebrides	Stornoway ¶	51	t	70	12th	38	6th	62·6	46·6	54·0	+0·5	6	0·96	25
	Castlebay	37	t	63	12th	50	6th	58·6	53·6	55·9	—	7	0·52	13
Caithness	Wick ... ¶	81	t	67	11th	40	6th	58·4	48·1	52·9	− 0·5	4	1·19	30
Ross and Cromarty	Strathpeffer ¶	125	a	78	12th	48	10th	63·0	50·9	58·9	+3·2	6	0·71	18
	Achnashellach ¶	225	h	78	12th	40	6th	65·1	50·0	57·0	—	6	1·40	35
Inverness	Inverness	212	h	76	12th	49	6th	63·1	51·6	58·4	—	5	0·47	12
	Fort Augustus ¶	68	a	81	12th	47	6th	67·9	50·3	58·5	+3·0	6	0·82	21
	Onich ... ¶	48	h	77	12th	46	9th	64·4	52·1	57·8	—	5	1·66	42
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	80	12th	47	10th	67·7	50·7	58·6	+2·3	5	0·63	16
Elgin	Gordon Castle ¶	101	p	79	12th	48	8, 10	69·1	51·6	59·7	+3·4	5	0·50	13
Aberdeen	Aberdeen ... ¶	46	t	74	11th	48	8, 10	65·7	50·6	57·6	—	5	1·20	31
	Balmoral ... ¶	930	a	74	12th	41	9th	65·7	45·6	55·0	+0·7	5	0·73	19
Perth	Crieff ... ¶	478	p	73	12th	47	9th	65·3	50·7	57·6	− 0·2	5	0·85	22
Forfar	Dundee	147	a	76	11th	48	8th	68·0	51·4	59·1	—	2	0·66	17
Fife	Inchkeith ... ¶	190	t	67	9, 11	49	6th	62·3	52·4	57·0	—	5	0·41	10
Midlothian	Edinburgh ...	441	p	77	12th	49	6th	66·1	52·9	59·0	+2·5	4	0·44	11
Peebles	West Linton ¶	770	a	72	12th	42	10th	65·3	48·0	56·1	+1·6	6	0·55	14
Berwick	Marchmont ¶	498	a	79	12th	46	9th	66·9	50·0	57·9	+1·6	4	0·42	11
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	140	a	74	12th	47	6th	65·1	52·4	58·3	—	5	1·33	34
Renfrew	Renfrew ... ¶	36	t	75	12th	43	9th	65·3	51·1	57·7	—	5	0·43	11
Bute	Rothesay ... ¶	200	p	72	12th	49	6th	62·6	52·3	57·1	0·0	7	0·98	25
Ayr	Kilmarnock ¶	90	a	78	12th	50	6th	68·4	53·3	60·3	+3·7	4	0·63	16
	Colmonell... ¶	170	a	75	12th	50	6th	66·3	53·4	59·4	+3·4	3	0·53	13
Dumfries	Dumfries ... ¶	140	p	80	12th	47	10th	65·4	51·0	57·7	− 0·7	5	0·81	21
	Eskdalemuir ...	794	t	77	12th	44	10th	63·3	48·0	55·1	—	5	2·00	51

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	7·0	—	38	—	—	—	—	—	—
Deerness §	7·0	+2·1	39	—	—	—	—	—	—
Stornoway §	4·8	− 0·3	27	—	—	—	—	—	—
Castlebay ...	5·6	—	32	—	—	—	—	—	—
Achnashellach	—	—	—	1	28	—	—	—	—
Inverness §	5·7	—	33	0	43	—	—	—	—
Onich ...	5·5	—	32	0	37	—	—	—	—
Nairn §	5·9	—	34	—	—	—	—	—	—
Gordon Castle	5·5	—	31	—	—	—	—	—	—
Aberdeen §	4·6	− 0·9	27	0	38	—	—	51·6	− 1·0
Balmoral ...	—	—	—	0	36	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	5·7	—	34	0	45	58·4	—	—	—
Inchkeith ...	5·3	—	31	0	48	—	—	—	—
Edinburgh §	5·1	− 0·7	30	0	46	—	—	—	—
West Linton...	—	—	—	0	36	—	—	—	—
Marchmont §	6·0	+0·2	35	—	—	—	—	—	—
Ford ...	—	—	—	0	43	57·2	—	54·0	—
Renfrew ...	4·8	—	28	0	36	—	—	—	—
Rothesay §	4·4	− 1·0	26	0	43	59·0	—	54·0	− 0·7
Kilmarnock ...	3·9	—	23	—	—	58·6	—	54·1	—
Colmonell ...	—	—	—	0	49	—	—	—	—
Dumfries ...	3·8	—	22	0	43	58·5	− 1·8	54·4	− 2·7
Eskdalemuir §	3·4	− 2·0	20	0	41	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	65	12th	50	6, 7	61·0	52·4	56·4	- 0·6	3	0·70	18	- 1
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	74	11th	47	6th	68·3	50·6	58·8	+2·4	4	0·38	10	- 3
	Tynemouth ¶	118	t	74	11th	52	6th	68·1	54·9	61·0	+3·4	3	0·14	4	- 8
Durham	Durham ... ¶	336	p	80	12th	47	10th	70·3	51·1	60·0	+1·5	3	0·16	4	- 9
York,	Rounton ... ¶	249	p	82	12th	49	9th	71·0	52·1	60·9	+3·1	2	0·14	4	- 10
N. Riding	West Witton ...	605	a	80	12th	48	9th	69·0	52·6	60·2	—	2	0·15	4	—
	Scarborough ¶	118	h	80	11, 12	53	6th	71·4	54·7	62·5	+3·5	4	0·14	4	- 8
	York ... ¶	56	p	84	12th	52	10th	72·9	55·1	63·4	+3·1	0	0·00	0	- 13
E. Riding	Spurn Head ¶	26	t	79	10th	52	7th	68·3	55·3	61·4	+1·9	1	0·04	1	- 8
Lincoln	Lincoln ... ¶	58	a	87	12th	51	7th	76·7	54·7	64·9	+3·9	2	0·02	1	- 10
	Cranwell ... ¶	236	t	86	12th	50	7, 10	74·9	52·6	63·0	+2·4	1	0·01	0·2	- 12
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	85	12th	49	7th	74·7	54·3	63·8	+4·3	2	0·03	1	- 10
	Yarmouth ... ¶	13	t	76	11th	50	7, 10	71·1	55·3	62·7	+2·6	1	0·02	0·4	- 13
	Norwich ... ¶	93	a	84	12th	48	7, 10	76·7	53·3	64·2	+3·5	1	0·03	1	- 14
	Geldeston ... ¶	37	a	82	11th	49	10th	75·1	53·0	63·3	+3·0	0	0·00	0	- 13
Cambridge	Cambridge ¶	41	p	85	12th	49	7th	76·7	52·9	64·0	+2·8	0	0·00	0	- 12
Hertford	Rothamsted ¶	420	a	84	12th	49	7th	74·0	52·3	62·4	+2·3	1	0·01	0·2	- 13
Middlesex	Tottenham ¶	51	p	87	12th	54	6th	77·0	56·9	66·3	—	0	0·00	0	—
Essex	Clacton-on-Sea ¶	55	t	72	14th	54	7th	69·9	56·4	62·7	+1·9	0	0·00	0·1	- 11
	Southend	90	h	84	12th	54	7th	75·9	57·3	66.0	—	1	0·03	1	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479		81	12th	49	10th	70·0	52·4	60·6	+2·7	2	0·04	1	- 14
W. Riding	Sheffield	429	p	84	12th	52	6, 10	72·6	55·0	63·2	—	2	0·04	1	- 13
Derby	Buxton	987	p	79	12th	46	10th	69·6	51·0	59·7	+2·9	2	0·29	7	- 15
Nottingham	Worksop(Hods'ck)¶	56	a	87	12th	49	10th	77·3	52·6	64·1	+1·2	0	0·00	0	- 13
	Nottingham ¶	192	a	85	12th	52	7th	74·9	54·9	64·2	+4·3	1	0·02	1	- 12
Warwick	Birmingham (Edg)¶	525	t	85	12th	51	6th	73·0	54·4	63·1	+3·1	1	0·01	0·2	- 13
Northampton	Oundle ... ¶	147	a	85	12th	46	10th	75·0	51·9	62·7	—	0	0·00	0	—
Oxford	Oxford ... ¶	208	p	86	12th	51	9th	75·1	53·7	63·7	+2·4	1	0·01	0·3	- 13
Stafford	Cheadle ... ¶	646	a	82	12th	50	6th	72·6	52.9	62.1	+3·8	2	0·16	4	- 12
Worcester	Tenbury ... ¶	313	p	83	12th	47	10, 12	73·1	50·9	61·2	+1·6	0	0·00	0	- 10
	Malvern	377	h	84	12th	53	6, 7, 11	72·3	54·4	62·7	—	1	0·01	0·2	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	85	12th	52	6th	72·3	560	63·6	+1·4	1	0·02	0·4	- 16
5. ENGLAND, S.E.															
London	Westminster ...	27	a	86	12th	55	6, 7	76·3	56·9	65·9	+3·1	1	0·04	1	- 11
	Greenwich ‡ ...	149	a	89	12th	51	7th	79·3	53·9	65·7	+2·7	0	0·00	0	- 12
	Hampstead ...	450	a	86	12th	51	6 7,	76.0	54·1	64·3	—	1	0·02	1	—
	Camden Square ...	110	a	90	12th	53	6th	79·0	56·3	66·9	+3·1	1	0·01	0·3	- 13
Surrey	Richmond (KewO)¶	18	t	86	12th	54	6, 7	77·0	55·9	65·7	+3·4	1	0·02	0·4	- 11
	Wisley ... ¶	150	a	81	11, 12	51	6, 7	75·9	53·0	63·7	+2·4	1	0·06	1	- 9
Kent	Tunbridge Wells ¶	354	h	83	12th	50	7th	73·3	53·6	62·8	+1·8	1	0·14	4	- 6
	Margate ... ¶	51	h	82	12th	51	7th	73·3	55·4	63·7	+1·9	1	0·13	3	- 7
	Dungeness ¶	21	t	77	12th	56	7th	66·6	57·1	61·5	+0·8	1	0·01	0·3	- 10
Sussex	St. Leonards ¶	178	h	79	12th	54	7th	67·4	56·5	61·6	+0·6	0	0·00	0	- 12
	Worthing	36	h	75	12th	54	10th	67·6	56·1	61·5	—	1	0·04	1	—
I. of Wight	Ventnor ... ¶	59	a	75	12th	55	6, 7, 9	67·1	55·9	61·1	- 0·5	0	0·00	0	- 11
Hampshire	Southampton ¶	64	p	79	12th	52	6th	70·9	54·6	62·2	- 0·5	0	0·00	0	- 12
Wiltshire	Marlborough ¶	424	a	83	12th	45	10th	73·1	50·4	61·0	+1·8	2	0·06	2	- 11
	Porton ¶	363	a	82	12th	49	6, 7, 10	72·3	50·7	60·8	—	1	0·02	1	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e) ¶	487	p	80	20th	48	7th	64·1	51·4	57·3	- 0·3	4	0·75	19	0
	Newton Rigg ¶	559	p	79	12th	47	10th	66·0	50·7	57·8	0·0	5	0·57	14	- 2
Lancashire	Stonyhurst ¶	377	a	80	12th	49	10th	67·4	53·3	59·9	+1·7	3	0·29	7	- 14
	Blackpool ¶	66	h	81	12th	50	10th	66·6	54·4	60·1	+1·2	3	0·19	5	- 11
	Southport ¶	37	h	82	12th	50	10th	67·3	54·5	60·5	+1·5	3	0·10	3	- 13
Manchester	Whitworth Pk. ¶	125	p	85	12th	50	10th	71·4	55·4	62·8	+2·5	2	0·06	2	- 16
Cheshire	Liverp'l (Bidston) ¶	189	a	84	12th	52	6th	68·4	55·6	61·6	+2·0	3	0·04	1	- 13
7b. NORTH WALES.															
Flint	Hawarden Bridge ¶	22	a	85	12th	50	6th	70·9	54·3	62·0	+1·8	1	0·02	0·4	- 12
Carnarvon	Llandudno ¶	22	h	83	12th	51	9th	68·6	55·1	61·4	+1·7	2	0·09	2	- 11
Anglesey	Holyhead ¶	26	t	76	12th	52	6, 9	62·7	53·7	57·9	- 0·2	2	0·28	7	- 7
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	16	h	81	12th	51	10th	67·4	54·6	60·6	—	1	0·14	4	—
Pembroke	St. Ann's Hd. ¶	150	t	65	12th	53	6th	61·0	54·9	57·7	- 0·2	2	0·05	1	- 12
Radnor	Rhayader ¶	757	a	82	11th	43	10th	69·4	50·0	59·0	—	2	0·13	3	—
Glamorgan	Cardiff ... ¶	202	p	82	12th	53	6, 7	70.4	54·6	62·0	+2·2	1	0·03	1	- 15
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	84	12th	52	11th	73·1	54·4	63·1	+2·4	2	0·06	2	- 11
Dorset	Shaftesbury ¶	722	a	79	11th	48	6th	70·7	53·1	61·3	+1·9	1	0·06	1	- 13
	Portland Bill ¶	19	t	66	12th	55	6, 10	62·0	56·1	58·8	- 0·9	1	0·08	2	- 7
Devon	Arlington ¶	613	a	78	12th	50	10th	69·1	53·7	60·9	+2·8	3	0·22	5	- 16
	Cullompton ¶	202	a	79	12th	46	11th	72·7	51·1	61·2	+1·0	2	0·16	4	- 10
	Plymouth ¶	116	p	72	12th	53	6th	66·9	55·9	61·0	+0·5	2	0·12	3	- 12
Cornwall	Newquay ...	190	h	72	12th	53	6th	66·5	55·0	60·4	+0·9	1	0·03	1	- 11
	Falmouth ¶	167	h	68	12th	52	6th	65·6	55·6	60·3	+0·4	2	0·11	3	- 12
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	73	12th	51	6, 9	63·9	53·3	58·2	+2·1	5	0·76	19	+ 3
Mayo	Blacksod Point ¶	10	t	65	9th	49	6th	62·0	53·9	57·7	+0·4	6	1·02	26	+ 8
	Mallaranny ...	120	a	69	9th	49	6th	64·1	54·0	58·7	—	5	1·46	37	—
Sligo	Markree Castle ¶	122	p	73	11th	45	6, 9	65·9	51·7	58·3	+1·6	4	0·72	18	- 2
Armagh	Armagh ... ¶	204	p	73	12th	48	6th	66·4	53·3	59·4	+1·8	5	0·55	14	- 3
Down	Donaghadee ¶	35	t	69	12th	50	9th	65·0	52·1	58·1	+1·1	4	0·28	7	- 9
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	74	12th	51	6th	67·7	54·7	60·8	+1·0	3	0·32	8	- 7
King'sCounty	Birr Castle ¶	175	t	70	9, 12	47	6th	65·9	53·7	59·4	+1·3	6	0·54	14	- 3
Kilkenny	Kilkenny ¶	182	a	70	12th	47	8th	67·7	52·7	59·7	+1·0	4	0·27	7	- 9
Waterford	Waterford ¶	137	a	68	9th	49	6th	64·4	53·4	58·5	- 0·5	3	0·28	7	- 11
	Seskin, Carrick-on-Suir	542	p	68	7, 9	47	6th	63·6	51·6	57·2	—	4	0·17	4	—
Limerick	Foynes ... ¶	50	a	69	9, 12	50	6, 8	66·0	54·6	59·9	+1·4	5	0·29	7	- 11
Kerry	Cahirciveen ¶	30	t	65	9th	50	6th	61·9	55·1	58·3	0·0	6	0·80	20	- 2
	Killarney ¶	174	a	72	9th	47	6th	66·1	54·8	60·1	+1·4	4	0 59	15	- 4
Cork	Roche's Point ¶	32	t	64	7th	48	6th	59·9	53·0	56·2	- 2·4	6	1·00	25	+ 9
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	66	12th	53	6th	64·0	54·9	59·1	- 1·1	3	0·22	6	- 6
Guernsey	Grange ... ¶	173	p	81	12th	52	11th	67·7	55·4	61·1	- 0·4	1	0·04	1	- 10
Jersey	St. Heliers ¶	28	h	83	12th	55	6,11,12	70·7	56·6	63·2	+1·3	1	0·09	2	- 9

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	3·9	- 3·2	23	0	49	—	—	—	—
Cockle Park §	6·4	+0·7	38	0	41	57·6	- 0·1	54·1	- 0·2
Tynemouth ...	—	—	—	0	48	—	—	—	—
Durham §	7·3	+1·8	43	0	32	—	—	—	—
Rounton ...	—	—	—	0	37	59·6	—	—	—
West Witton	—	—	—	0	44	58·9	—	52·1	—
Scarborough †§	7·6	+1·8	46	0	48	—	—	57·7	—
York §	6·0	+0·3	36	—	—	58·8	- 0.1	54·9	- 0·5
Spurn Head...	8·0	—	48	—	—	—	—	—	—
Lincoln ...	—	—	—	0	47	61·1	+1·0	56·3	+0·2
Cranwell §	9·8	+3·1	60	0	45	—	—	—	—
Skegness §	9·1	+2·0	55	—	—	—	—	—	—
Cromer §	9·3	+2·5	56	—	—	—	—	—	—
Yarmouth §	9·8	—	60	—	—	63·6	+0·9	59·3	+0·6
Norwich ...	10·1	—	62	0	42	63·6	—	—	—
Geldeston §	9·9	+3·0	60	—	—	—	—	—	—
Cambridge §	9·6	+2·9	59	0	42	63·1	+1·1	58·9	+0·7
Rothamsted §	10·0	+3·3	61	0	43	62·1	—	—	—
Tottenham §	10·1	—	62	—	—	—	—	—	—
Clacton-on-Sea §	10·6	+3·5	65	0	51	63·0	+2·1	59·1	+0·6
Southend ...	10·8	—	67	0	52	65·4	—	—	—
Harrogate §	6·2	+0·2	37	0	44	56·6	- 0·2	53·9	- 0.9
Sheffield §	6·7	+0·8	40	0	47	59·4	+1·3	55·1	+1·0
Buxton ...	7·0	—	42	0	47	58·9	+1·2	53·3	- 0·2
Worksop §	7·0	+1·7	42	0	42	60·4	—	55·8	—
Nottingham §	8·2	+2·4	50	0	47	60·7	+0·6	56·9	+0·2
Birmingham §	8·8	+3.9	54	0	42	57·2	+1·8	51·2	- 0·5
Oundle ...	9·0	—	55	0	42	62·0	—	57·0	—
Oxford §	11·1	+4·6	68	0	44	—	—	—	—
Cheadle ...	—	—	—	0	52	—	—	—	—
Tenbury ...	—	—	—	0	43	60·4	—	—	—
Malvern ...	10.3	—	33	0	48	62·3	—	58·0	—
Ross on Wye §	10·5	—	64	0	47	62·1	—	57·9	—
Clifton §	9·9	+3·0	61	0	52	—	—	—	—
Westminster	10.1	+4·1	62	0	50	—	—	—	—
Greenwich ...	10.2	+3·5	63	0	41	—	—	—	—
Hampstead ...	10·6	—	65	0	45	—	—	—	—
Camden Square	—	—	—	0	49	64·2	—	57·9	—
Richmond § (Kew Obs.)	10·2	+3·5	63	0	47	63·0	+1·7	58·1	+1·2
Wisley §	10·8	+3·9	67	0	41	63·6	+1·9	58·4	+0·6
Tunbridge W'ls §	10·8	+3·7	67	0	43	63·7	—	59·3	—
Margate §	11·3	+4·5	70	0	47	66·4	+3·9	62·7	+3·5
Folkestone §	10·1	—	63	0	50	—	—	57·9	—
St. Leonards §	9·6	+1·7	59	0	50	65·6	—	59·9	—
Worthing §	9·7	+1·9	60	0	51	64·7	+1·5	59·2	+0·4
Ventnor §	8·4	+0·9	52	—	—	—	—	—	—
Southampton §	9·8	+2·5	61	0	52	—	—	—	—
Marlborough §	10·8	+4·5	67	0	45	61·7	—	56·2	—
Porton ...	10·1	—	63	0	42	61·1	—	—	—
Aspatria §	2.8	- 3·4	17	0	47	54 8	- 3·9	51·9	- 2·0
Newton Rigg §	4·9	- 1·3	29	0	39	—	—	—	—
Stonyhurst §	5·4	- 0.7	32	0	45	—	—	—	—
Blackpool §	5·8	- 1·4	35	0	43	61·7	—	55·4	—
Southport §	6·8	- 0·2	41	0	47	64·5	+1·6	60·5	+1·0
Whitworth Pk.	5·3	- 0·1	32	—	—	—	—	—	—
Oldham Road	5·5	+0·5	33	0	49	60·3	+0·4	56·8	- 0·8
Bidston ...	7·7	—	46	0	48	—	—	—	—
(Ches.)Hoylake §	7·7	+1·0	47	—	—	—	—	—	—
Llandudno §	7·7	+0·9	47	—	—	—	—	—	—
Holyhead ...	6·1	—	37	0	47	—	—	—	—
Aberystwyth §	6·1	0·0	37	—	—	—	—	—	—
St. Ann's Hd. §	5·1	- 1·8	31	—	—	—	—	—	—
Rhayader §	8·3	—	51	0	34	—	—	—	—
Cardiff ...	8·5	—	52	0	50	61·2	0·0	56·4	- 0 8
Bath ... §	9·1	+2·1	56	—	—	63·0	—	58·7	—
Shaftesbury...	—	—	—	—	—	—	—	56·5	—
Weymouth ...	9·0	—	56	—	—	—	—	—	—
Arlington ...	—	—	—	0	49				
Cullompton §	7·4	+1·2	46	0	41	61·4	—	—	—
Plymouth §	7·2	+0·2	45	0	52	61·7	- 1·5	56·9	—
Newquay §	8·8	+1·8	54	—	—	60·3	—	56·6	—
Falmouth §	7·8	+0·3	49	0	49	63·1	—	59·6	—
Malin Head...	4·8	—	28	—	—	—	—	—	—
Mallarany ...	3·9	—	23	—	—	—	—	—	—
MarkreeC'stle §	3·1	- 1·6	19	0	40	59·4	- 0·8	54·9	- 0·4
Armagh §	3·9	- 1·2	23	0	43	59·0	- 0·8	55·0	- 0 8
Trinity Coll.	—	—	—	0	47	59·4	- 1·0	56·0	- 0·6
Phœnix Park §	5·8	+0·1	35	0	40	—	—	—	—
Dublin City...	—	—	—	0	47	—	—	—	—
Birr Castle §	3·4	- 1·5	21	0	40	—	—	—	—
Seskin ...	5·4	—	33	0	41	—	—	—	—
Cahirciveen (Valencia O.) §	1·7	- 3·7	10	0	45	—	—	—	—
Ballinacurra §	2·1	- 4·0	13	—	—	—	—	—	—
St. Mary's §	7·5	+0·2	47	—	—	—	—	—	—
Grange §	11·0	+2·7	69	0	50	66·2	+3·4	61·1	+1·4
St. Heliers §	9·5	+1·3	59	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, July 12th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed.	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h m/s.	d. hr.	m.p.h m/s.	d. h. m.
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	—	0	8	2	33	91	42	0	280	25 11	8 4	35 16	12 20 25
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	33	108	24	0	280	18 8	7 19	— —	— — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	18	122	28	0	150	21 9	12 17	36 16	12 17 5
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	62	89	17	0	210	24 11	12 23	38 17	7 14 30
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	20	108	40	0	190	20 9	12 17	41 19	12 17 40
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	83	45	40	0	210	23 10	7 9	38 17	7 13 5 12 17 5
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	—	0	44	84	40	0	260	24 11	7 17	38 17	7 15 35
York, E.R. Spurn Head ...	67	41	‡	—	0	6, 7	12	61	79	16	0	270	31 14	6 12	46 21	6 12 35
Lincoln Cranwell ...	280	43	31	—	0	—	0	46	52	70	0	150	21 9	12 15	25 12	6 11 15
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	—	0	42	86	40	0	210	21 9	6 4	36 16	6 6 45
Essex Shoeburyness...	103	90	‡	—	0	6	2	49	86	31	0	—	29 13	6 2	40 18	6 2 50
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	41	77	50	0	220	18 8	6 8	31 14	6 2 25
Kent Lympne ...	409	70	‡	—	0	6	2	40	103	23	0	230	26 12	6 13	38 17	6 2 40
Surrey Croydon ...	284	40	24	—	0	—	0	42	97	29	0	250	18 8	6 8	31 14	6 8 20
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	33	100	35	0	210	18 8	6 1	32 14	6 1 20
Hampshire S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	6	7	69	73	19	0	240	27 12	6 7	40 18	6 5 50
Wiltshire Larkhill, (S'y Plain)...	513	63	43			Instrument out of	action.									
7a ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	6	6	67	65	22	8	280	32 14	6 8	42 19	7 9 30
Lancashire Southport ...	80	62	48	—	0	6, 7	15	68	84	1	0	280	36 16	6 8	46 21	7 10 15
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	—	0	6, 7, 12	9	104	31	24	0	280 270	30 13	6 4 5	43 19	12 14 5
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	12	4	51	94	19	0	—	30 13	12 7	48 21	12 7 10
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	55	85	28	0	230	20 9	7 15	28 13	7 3 5
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	6, 7	7	80	73	8	0	230	29 13	7 12	— —	— — —
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	— —	— —	— —	— — —
Kerry Cahirciveen (Val. Obs.)...	98	41	‡	—	0	12	1	126	31	10	0	190	24 11	12 13	36 16	11 20 35
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	79	62	16	11	—	23 10	7 13	35 16	7 12 35
11a. SCILLY ISLES.																
Scilly St. Mary's ...	150	32	‡	—	0	—	0	78	87	3	0	100	21 9	11 24	28 13	11 23 30

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week e ds at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	14	6	2·9	15	10	4·4	16	9	3·8	18	6	2·8	23	13	5·6	24	8	3·4	26	10	4·4	26	12	5·3
North	8	3	1·3	7	5	2·1	0	—	—	1	3	1·4	0	—	—	2	1	0·5	0	—	—	0	—	—
West	11	9	3·8	22	8	3·7	13	8	3·6	17	7	3·2	21	9	4·0	20	8	3·6	11	11	4·9	8	7	3·1
East	10	5	2 1	2	5	2·3	7	4	1·7	3	4	1·6	1	12	5·5	6	12	5·4	14	5	2·3	16	5	2·2
Calm (or wind-speed < 4 m.p.h.)	3	—	—	4	—	—	8	—	—	8	—	—	5	—	—	2	—	—	2	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 17th July, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E 1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. 117

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) No. 29.

TWENTY-NINTH WEEK.
SUNDAY, JULY 13TH TO SATURDAY, JULY 19TH, 1924.

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METEOROLOGICAL OFFICE 28 JUL 1924

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

TWENTY-NINTH WEEK of 1924—July 13th to July 19th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	71	45	61·9	52·0	56·6	+1·6	102	+11	0	0	6	+ 1	1·80	46	+23	3·8	− 0·2	22	1008
Eastern.																			
1. SCOTLAND, EAST ...	73	42	64·5	51·3	57·4	+0·8	108	+ 4	0	0	5	+ 1	0·85	22	+ 4	5·2	+0·2	31	1009
2. ENGLAND, N.E. ...	79	47	68·6	52·5	59·9	+1·1	125	+ 8	0	0	3	0	0·41	10	− 5	7·6	+1·9	46	1013
3. ENGLAND, EAST ...	81	46	71·4	53·2	61·6	+0·7	137	+ 5	0	0	3	0	1·07	27	+12	8·7	+2·2	54	1015
4. MIDLAND COUNTIES	78	41	68·9	51·5	59·6	− 0·6	123	− 4	0	0	2	− 1	0·57	14	+ 2	8·1	+2·4	50	1014
5. ENGLAND, S.E. ...	79	41	69·3	52·0	60·1	− 1·4	127	− 10	0	0	2	− 1	0·79	20	+ 7	8·9	+2·2	56	1016
Western.																			
6. SCOTLAND, WEST[1] ...	67	47	62·7	52·7	57·4	+0·1	108	− 1	0	0	5	+ 1	0·92	23	+ 3	4·3	− 0·7	26	1011
7. ENGLAND, N.W.[2] ...	76	47	64·4	53·7	58·7	− 0·3	117	− 2	0	0	4	0	0·24	6	− 11	7·0	+1·5	43	1014
8. ENGLAND, S.W.[3] ...	75	44	65·1	52·4	58·3	− 1·8	114	− 13	0	0	3	− 1	0·85	22	+ 4	7·5	+1·5	47	1016
9. IRELAND, NORTH ...	70	50	62·7	52·8	57·4	0·0	108	0	0	0	6	+ 1	0·84	21	+ 1	2·9	− 1·5	17	1011
10. IRELAND, SOUTH ...	75	47	64·3	53·5	58·3	− 0·9	115	− 7	0	0	5	+ 1	0·77	20	+ 4	5·1	+0·2	31	1015
11. CHANNEL ISLANDS[4]	79	53	65·6	55·3	60·1	− 1·3	127	− 9	0	0	3	− 1	0·52	13	0	9·2	+1·9	58	1018
MEAN: DISTRICTS 1-10	81	41	66·2	52·6	58·9	− 0·2	118	− 2	0	0	4	0	0·73	19	+ 2	6·5	+1·0	40	1013

THE SEASON (Summer).—Aggregates, &c., for the Period of 7 Weeks, June 1st to July 19th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	31	58·9	47·7	52·9	− 0·5	538	− 29	4	+ 3	34	+ 6	7·35	187	+64	4·8	0·0	27	1010
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·5	47·3	53·9	− 1·2	590	− 50	6	+ 5	32	+ 7	4·61	117	+16	5·5	− 0·2	31	1010
2. ENGLAND, N.E. ...	87	32	65·3	49·8	57·0	+0·2	737	+15	0	0	23	+ 2	3·06	78	− 10	6·4	+ 0·3	38	1013
3. ENGLAND, EAST ...	87	35	68·2	51·9	59·5	+0·8	855	+39	0	0	20	− 1	3·01	76	− 10	7·6	+ 0·8	46	1015
4. MIDLAND COUNTIES	87	33	66·8	49·9	57·8	− 0·4	773	− 22	0	0	22	+ 1	3·48	89	+ 1	6·3	+ 0·2	38	1014
5. ENGLAND, S.E. ...	86	34	66·7	51·6	58·7	− 0·6	817	− 30	0	0	19	− 1	3·42	87	+ 7	7·9	+ 0·7	48	1016
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·6	49·2	55·0	− 1·0	635	− 58	0	0	33	+ 7	5·73	146	+19	4·9	− 1·0	29	1012
7. ENGLAND, N.W.[2] ...	85	33	62·9	51·1	56·6	− 0·7	715	− 35	0	0	28	+ 5	3·87	98	− 6	5·5	− 0·8	33	1013
8. ENGLAND, S.W.[3] ...	84	33	63·5	51·4	57·1	− 1·0	737	− 52	0	0	23	0	4·20	109	+ 5	5·8	− 0·9	36	1015
9. IRELAND, NORTH ...	73	38	61·3	50·3	55·4	− 0·7	656	− 34	0	0	38	+ 9	5·21	131	+15	3·5	− 1·7	21	1011
10. IRELAND, SOUTH ...	75	39	62·9	51·7	56·9	− 0·8	728	− 43	0	0	36	+11	6·60	168	+58	4·0	− 1·7	24	1013
11. CHANNEL ISLANDS[4]	83	46	63·8	53·4	58·2	− 1·0	797	− 46	0	0	23	+ 1	2·57	65	− 14	7·6	− 0·3	47	1017
MEAN: DISTRICTS 1-10	87	29	64·1	50·4	56·8	− 0·5	724	− 27	1	+ 1	27	+ 4	4·33	110	+ 9	5·7	− 0·4	34	1013

THE YEAR. Aggregates, &c., for the Period of 29 Weeks, December 30th, 1923, to July 19th 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	49·5	39·2	44·1	− 0·2	882	− 95	448	− 68	129	− 3	24·30	618	− 35	3·3	− 0·3	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	49·8	37·8	43·6	− 1·0	924	−189	608	+24	123	+10	15·08	384	− 10	3·6	− 0·6	27	1010
2. ENGLAND, N.E. ...	87	16	52·0	39·4	45·5	− 0·5	1217	− 40	516	+66	94	− 7	12·66	321	+11	4·1	− 0·4	31	1013
3. ENGLAND, EAST ...	87	18	53·7	40·7	46·9	0·0	1480	+10	476	+ 9	95	− 4	13·19	341	+39	4·9	+ 0·1	37	1014
4. MIDLAND COUNTIES	87	15	53·6	39·4	46·2	− 0·6	1375	− 90	516	+22	98	0	15·30	388	+52	4·0	− 0·3	30	1013
5. ENGLAND, S.E. ...	86	17	54·0	41·3	47·4	− 0·6	1498	− 78	398	+41	93	− 3	15·06	383	+54	5·1	+ 0·2	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	51·3	39·5	45·2	− 1·0	1094	−154	453	+63	121	+ 1	21·37	541	− 43	3·7	− 0·6	28	1012
7. ENGLAND, N.W.[2] ...	85	21	52·0	41·2	46·4	− 0·5	1264	− 80	366	+ 6	112	+ 6	16·24	411	− 12	4·1	− 0·3	31	1012
8. ENGLAND, S.W.[3] ...	84	14	53·1	41·9	47·3	− 0·7	1389	−116	309	+25	104	− 2	19·84	502	+34	4·4	− 0·4	34	1013
9. IRELAND, NORTH ...	73	18	52·3	41·4	46·6	− 0·3	1229	− 77	287	− 26	136	+ 6	19·65	498	+17	3·6	− 0·4	27	1011
10. IRELAND, SOUTH ...	75	21	53·9	42·7	48·1	− 0·3	1463	− 83	226	− 16	126	+11	21·65	549	+43	3·7	− 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	54·4	45·6	49·9	− 0·3	1681	− 76	88	− 12	109	− 2	16·32	416	+32	5·3	− 0·3	41	1014
MEAN: DISTRICTS 1-10	87	2	52·6	40·5	46·3	− 0·5	1293	− 90	415	+21	110	+ 2	17·03	432	+19	4·1	− 0·3	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Moderate	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient
	Rainfall ..	Very Heavy	Moderate	Moderate	Heavy	Moderate	Heavy	Moderate	Light	Moderate	Moderate	Moderate	Moderate
	Sunshine ..	Moderate	Moderate	Abundant	Abundant	Abundant	Abundant	Scanty	Abundant	Abundant	Scanty	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 7 weeks from June 1st, 1924	Warmth ..	2, 3, 2	0, 5, 2	2, 3, 2	3, 3, 1	1, 4, 2	0, 4, 3	0, 5, 2	0, 5, 2	0, 4, 3	0, 6, 1	0, 6, 1	0, 5, 2
	Rainfall ..	4, 2, 1	2, 4, 1	2, 3, 2	2, 3, 2	3, 2, 2	3, 2, 2	2, 4, 1	2, 3, 2	3, 2, 2	2, 5, 0	4, 3, 0	2, 2, 3
	Sunshine ..	4, 1, 2	1, 4, 2	2, 3, 2	4, 1, 2	2, 3, 2	4, 1, 2	0, 2, 5	1, 3, 3	1, 4, 2	0, 2, 5	0, 2, 5	2, 3, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Until the last two days the week was generally fine and sunny but heavy rain and high winds were experienced in the southern English counties on the 17th. The mean temperature of the week was above normal in Scotland and in England N.E. and E., normal in Ireland N. and below normal elsewhere, the excess in Scotland N. being 1·6°F. and the deficiency in England S.W. 1·8°F. The 15th was the warmest day generally, a maximum temperature of 81°F. being recorded at Camden Square (London) and at Cromer. This temperature was also reached at Tottenham on the 13th. The highest Scottish temperature was 73°F. at Gordon Castle and the highest Irish one 75°F. at Dublin, both on the 15th. The lowest screen minimum temperature was 41°F. at Cheadle (Staffs.) and at Marlborough on the 17th. No ground frosts were reported. Precipitation was above normal in all Districts with the exception of England N.E. and N.W. A large number of heavy falls occurred in southern England during the afternoon and night of the 17th, the largest reported being 51mm. at Clacton, 34mm. at Southend and Shoeburyness and 33mm. at Felixstowe. Apart from this the largest falls were 23mm. at Lerwick and Rothesay on the 15th and at Hull on the 18th. Thunderstorms were recorded at some Scottish and east coast stations on the 13th, also at Birmingham, and again at a number of stations towards the end of the week, notably on the 18th and 19th. Sunshine was above normal in all Districts except Scotland W. and Ireland N. and in England E., S.E. and the Midland Counties a mean daily excess of over 2 hrs. was experienced. A number of daily sunshine durations above 13 hrs. were registered, the greatest being 15·3 hrs. at Eastbourne and at Norwich on the 14th. This and the succeeding day were the sunniest in England. The greatest mean daily duration of sunshine reported was 9·9 hrs. at Cardiff, Guernsey having 9·8 hrs. Solar halos were observed at Oxford on the 15th, 16th and 17th and at South Farnborough on the 15th. That of the 16th seen at Oxford was accompanied by a parhelion.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	m.n.	m.n.
Shetlands	Lerwick ¶	54	t	66	13th	50	19th	60·3	52·0	55·9	+3·3	5	1·05	27	+12
Orkneys	Deerness	160	p	64	13, 15	49	17th	61·3	51·6	56·1	+2·8	5	0·77	19	+ 2
Hebrides	Stornoway ¶	51	t	63	14th	50	19th	60·9	52·0	56·1	+1·6	7	2·13	54	+33
	Castlebay	37	t	58	13, 15, 19	53	17th	57·9	54·1	55·9	—	7	0·69	17	—
Caithness	Wick ... ¶	81	t	68	13th	49	19th	61·3	51·1	55·8	+1·4	5	1·25	32	+15
Ross and Cromarty	Strathpeffer ¶	125	a	67	14, 15, 19	45	19th	64·9	52·1	58·1	+1·4	4	1·48	37	+20
	Achnashellach ¶	225	h	64	15th	49	18th	60·6	52·3	56·2	—	6	1·93	49	—
Inverness	Inverness	242	h	63	15th	49	18, 19	63·4	51·9	57·3	—	5	1·17	30	—
	Fort Augustus ¶	68	a	71	13th	47	19th	64·3	51·3	57·5	+1·0	6	1·24	31	+12
	Onich ... ¶	48	h	65	16th	51	18th	61·1	53·0	56·8	—	6	3·54	90	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	63	15th	49	18, 19	65·6	52·4	58·5	+2·1	5	1·20	30	+14
Elgin	Gordon Castle ¶	101	p	73	15th	50	18th	67·0	53·4	59·7	+3·3	4	0·85	22	+ 2
Aberdeen	Aberdeen ... ¶	45	t	69	16th	48	14th	66·0	52·6	58·3	—	5	1·73	44	+27
	Balmoral ... ¶	930	a	65	15th	45	18th	62·4	48·9	55·2	+0·9	6	0·53	13	- 4
Perth	Crieff ... ¶	478	p	67	18, 19	47	17, 18	64·0	50·3	56·8	- 1·0	5	0·48	12	- 8
Forfar	Dundee	147	a	69	17, 18, 19	50	17th	63·1	52·7	59·9	—	4	0·63	17	—
Fife	Inchkeith ... ¶	190	t	63	15th	50	18th	61·3	52·4	56·5	—	4	0·93	23	—
Midlothian	Edinburgh ...	441	p	66	15th	49	18th	64·1	51·9	57·6	+1·0	4	0·60	15	- 1
Peebles	West Linton ¶	770	a	69	15th	42	14th	63·1	50·0	56·1	+1·6	7	0·51	13	—
Berwick	Marchmont ¶	498	a	68	15, 16, 17	47	14, 18	65·3	50·4	57·8	+1·4	6	0·59	15	- 5
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	64	14th	51	18th	61·3	52·9	56·8	—	6	2·47	63	—
Renfrew	Renfrew ... ¶	33	t	64	14, 15, 19	50	18, 19	63·6	52·7	57·8	—	6	0·23	7	—
Bute	Rothesay ... ¶	200	p	64	14th	50	17, 18, 19	61·7	51·7	56·4	- 0·9	6	1·66	42	+19
Ayr	Kilmarnock ¶	90	a	67	14th	51	18th	64·6	53·4	58·3	+1·9	5	0·64	16	- 2
	Colmonell ... ¶	170	a	65	14, 17, 19	51	18th	63·0	53·1	57·7	+1·5	4	0·49	12	- 6
Dumfries	Dumfries ... ¶	140	p	65	19th	47	18th	63·1	52·3	57·3	- 1·3	4	0·39	10	- 8
	Eskdalemuir ...	794	t	65	19th	46	18th	61·3	49·4	54·9	—	5	0·78	20	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Lowest Reading	Earth 1 ft. Mean	Deviation from normal	Earth 4 ft. Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	6·0	—	34	—	—	—	—	—	—
Deerness §	3·6	- 0·6	21	—	—	—	—	—	—
Stornoway §	3·3	- 1·2	19	—	—	—	—	—	—
Castlebay ...	2·9	—	17	—	—	—	—	—	—
Achnashellach	—	—	—	0	31	—	—	—	—
Inverness §	4·5	—	27	0	46	—	—	—	—
Onich ...	1·5	—	9	0	47	—	—	—	—
Nairn §	5·3	—	31	—	—	—	—	—	—
Gordon Castle	6·1	—	35	—	—	—	—	—	—
Aberdeen §	4·8	- 0·3	28	0	41	—	—	52·6	- 0·6
Balmoral ...	—	—	—	0	38	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	5·0	—	30	0	48	60·0	—	—	—
Inchkeith ...	6·1	—	36	0	49	—	—	—	—
Edinburgh §	5·4	+0·1	32	0	45	—	—	—	—
West Linton...	—	—	—	0	38	—	—	—	—
Marchmont §	5·5	+0·3	33	—	—	—	—	—	—
Ford ...	—	—	—	0	45	58·9	—	54·4	—
Renfrew ...	4·5	—	27	0	42	—	—	—	—
Rothesay §	3·4	- 1·3	20	0	47	59·0	—	55·0	- 0·1
Kilmarnock ...	3·7	—	22	—	—	59·3	—	54·6	—
Colmonell ...	—	—	—	0	47	—	—	—	—
Dumfries ...	5·4	—	33	0	42	59·9	- 0·7	55·1	- 2·6
Eskdalemuir §	4·3	+0·2	26	0	40	—	—	—	—

* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 13h. and 13h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	63	16th	51	14, 18	61·7	52·7	56·9	− 0·3	5	0·49	13	− 5
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	74	16th	47	14th	65·7	49·3	56·9	+0.6	4	0·74	19	+ 4
	Tynemouth ¶	118	t	70	14th	51	19th	66·0	54·3	59·7	+2·2	5	0·97	25	+11
Durham	Durham ... ¶	336	p	74	15th	48	14th	67·4	51·3	58·8	+0·5	4	0·26	7	− 9
York,	Rounton ... ¶	249	p	75	15th	48	14th	66·6	51·3	58·4	+0·7	4	0·50	13	− 3
N. Riding	West Witton ...	605	a	75	15th	50	14th	66·1	52·7	58·9	—	2	0·10	3	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	79	15th	51	14, 18	70·6	53·6	61·5	+1·4	2	0·07	2	− 13
E. Riding	Spurn Head ¶	26	t	76	15, 16	53	18th	70·3	55·4	62·3	+2·7	3	0·45	11	+ 1
Lincoln	Lincoln ... ¶	58	a	79	15th	50	14, 17	71·9	53·3	62·0	+1·2	2	0·11	3	− 10
	Cranwell ... ¶	236	t	76	15th	49	17, 18	70·3	51·1	60·0	− 0·5	2	0·20	5	− 9
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	81	15th	51	17th	72·1	54·4	62·6	+2·6	4	0·26	7	− 6
	Yarmouth ... ¶	13	t	75	16th	51	14, 19	69·9	54·1	61·5	+1·0	4	1·22	31	+16
	Norwich ... ¶	93	a	80	15th	49	17th	72·9	52·6	62·0	+0·9	4	0·67	17	0
	Geldeston ... ¶	37	a	79	15th	50	14, 17, 19	71·9	52·3	61·4	+0·7	3	0·91	23	+ 8
Cambridge	Cambridge ¶	41	p	79	15th	46	17th	72·4	50·6	60·7	− 0·9	3	1·08	27	+13
Hertford	Rothamsted ¶	420	a	76	15th	48	15, 17, 18	69·0	51·4	59·6	− 0·9	3	1·17	30	+15
Middlesex	Tottenham ¶	51	p	81	13th	51	18th	73·6	55·1	63·7	—	1	1·20	30	—
Essex	Clacton-on-Sea ¶	55	t	75	16th	50	18th	69·1	54·9	61·5	+0·3	2	2·05	52	+40
	Southend	90	h	77	14, 15, 16	50	18th	73·6	55·3	63·8	—	1	1·34	34	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479		75	15th	49	14, 18	66·6	52·3	59·0	+0·7	2	0·05	1	− 13
W. Riding	Sheffield	429	p	75	15th	51	17th	67·7	53·6	60·2	—	3	0·20	5	− 8
Derby	Buxton	987	p	80	13th	49	14, 17, 18	68·4	50·9	59·0	+1·8	5	0·31	21	+ 1
Nottingham	Worksop(Hods'ck)¶	56	a	78	16th	48	14, 15, 17	72·6	50·6	60·8	+0·6	1	0·12	3	− 9
	Nottingham ¶	192	a	77	15th	49	14th	70·1	52·6	60·7	+0·4	2	0·22	6	− 6
Warwick	Birmingham (Edg)¶	525	t	73	14, 15	49	18th	67·7	51·9	59·3	− 1·1	4	0·63	16	+ 4
Northampton	Oundle ... ¶	147	a	76	15th	46	17th	70·4	50·7	59·9	—	2	0·58	15	—
Oxford	Oxford ... ¶	208	p	75	15th	48	18th	69·4	52·4	60·3	− 1·4	2	1·06	27	+15
Stafford	Cheadle ... ¶	646	a	75	15th	41	17th	68·7	49.4	58·4	− 0·3	3	0·42	11	− 4
Worcester	Tenbury ... ¶	313	p	73	14, 15	45	15th	68·1	49·6	58·2	− 1·8	4	0·79	20	+10
	Malvern	377	h	13	14th	49	18th	67·4	53·9	59·8	—	3	0·76	19	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	71	14, 15	50	18th	66·3	54·4	55·9	− 2·7	2	1·27	32	+17
5. ENGLAND, S.E.															
London	Westminster ...	27	a	77	15th	50	18th	73·1	55·3	63·6	+0·6	1	1·02	26	+12
	Greenwich ‡ ...	149	a	81	15th	49	15th	75·4	52·9	63·4	+0·3	2	1·05	27	+13
	Hampstead ...	450	a	78	13, 15	47	18th	72.6	53·3	62·3	—	1	1·26	32	—
	Camden Square ...	110	a	81	15th	49	18th	74·1	55·1	63·9	+0·1	2	1·22	31	+16
Surrey	Richmond (Kew O)¶	18	t	78	15th	50	18th	71·7	53·9	62·2	− 0·2	3	1·13	29	+16
	Wisley ... ¶	150	a	79	15th	45	16th	72·0	49·7	60·1	− 1·3	2	0·74	19	+ 7
Kent	Tunbridge Wells ¶	354	h	76	15th	47	14, 15	70·6	50·6	59·9	− 1·3	3	0·80	20	+ 8
	Margate ... ¶	51	h	76	15th	54	17, 18	70·9	56·7	63·3	+1·2	2	0·73	19	+ 7
	Dungeness ¶	21	t	78	15th	49	15th	67·6	53·0	59·8	− 1·3	2	0·67	17	+ 6
Sussex	St. Leonards ¶	178	h	73	15th	50	17, 18	68·1	53·3	60·2	− 1·1	2	0·72	18	+ 4
	Worthing	36	h	72	15th	48	15th	67·2	52·0	59·1	—	1	0·77	20	—
I. of Wight	Ventnor ... ¶	59	a	69	15th	50	18th	65·9	54·9	60·0	− 1·9	1	0·71	18	+ 6
Hampshire	Southampton ¶	64	p	74	16th	49	14, 15, 18	69·7	52·4	60·5	− 2·4	1	0·87	22	+ 8
Wiltshire	Marlborough ¶	424	a	73	14, 15	41	17th	67·4	47·6	56·8	− 2·5	4	1·04	26	+11
	Porton ¶	363	a	74	15th	44	14, 15	69·3	47·7	57·8	—	1	0·50	13	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	65	15th	49	18th	61·7	51·7	56·4	− 1·5	5	0·29	7	− 12
	Newton Rigg ¶	559	p	68	15th	47	18th	63·6	50·6	56·7	− 1·2	5	0·29	7	− 9
Lancashire	Stonyhurst ¶	377	a	70	15th	50	14th	64·4	53·1	58·4	− 0·1	4	0·52	13	− 9
	Blackpool ¶	66	h	68	15th	51	15th	64·7	55·6	59·8	+0·6	1	0·03	1	− 15
	Southport ¶	37	h	69	15th	51	15th	64·9	55·1	59·7	+0·4	2	0·09	2	− 14
Manchester	Whitworth Pk. ¶	125	p	76	15th	50	14th	67·3	53·9	60·1	− 0·4	4	0·45	11	− 7
Cheshire	Liverp'l (Bidston) ¶	189	a	69	14, 15	53	14, 15 18	64·9	54·4	59·3	− 0·6	4	0·12	3	− 11
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	73	15th	52	14, 15	66·4	54·6	60·1	− 0·4	4	0·13	3	− 10
Carnarvon	Llandudno ¶	22	h	70	15th	54	15, 18	64·6	55·4	59·7	− 0·4	2	0·05	1	− 12
Anglesey	Holyhead ¶	26	t	64	16th	53	14, 18 19	62·0	54·0	57·7	− 0·9	4	0·22	6	− 8
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	65	15th	51	14, 15	61·9	53·9	57·6	—	4	0·49	12	—
Pembroke	St. Ann's Hd. ¶	150	t	62	15th	52	17th	59·9	54·6	57·1	− 1·6	3	0·53	13	− 2
Radnor	Rhayader ¶	757	a	70	15th	44	15th	62·4	49·7	55·6	—	4	0·80	20	—
Glamorgan	Cardiff ... ¶	202	p	74	15th	50	18, 19	66·1	52·1	58·6	− 1·8	3	1·33	34	+14
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	74	15th	48	15th	67·7	53·4	60·1	− 1·1	2	0·90	23	+ 8
Dorset	Shaftesbury ¶	722	a	75	15th	47	18th	67·6	50·6	58·5	− 1·5	3	0·71	18	+ 2
	Portland Bill ¶	19	t	64	15th	52	15th	61·7	55·9	58·6	− 1·8	1	0·55	14	+ 4
Devon	Arlington ¶	613	a	70	15th	47	15th	64·3	51·1	57·2	− 1·5	4	0·99	25	0
	Cullompton ¶	202	a	75	15, 16	45	17th	70·3	50·4	59·7	− 1·0	3	0·89	23	+ 7
	Plymouth ¶	116	p	69	13, 16	49	14, 15	65·6	53·0	59·9	− 2·2	4	0·94	24	+ 7
Cornwall	Newquay ... ¶	190	h	67	15th	48	15th	63·2	53·3	57·9	− 2·3	3	0·46	12	− 2
	Falmouth ¶	167	h	68	13th	50	15th	65·6	53·3	59·0	− 1·5	5	0·88	22	+ 5
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	65	14th	52	17, 19	60·6	53·7	56·9	+0·4	7	0·89	23	+ 5
Mayo	Blacksod Point ¶	10	t	—	—	—	—	—	—	—	—	—	—	—	—
	Mallaranny ...	120	a	65	19th	52	17, 18	62·1	53·7	57·6	—	4	0·56	14	—
Sligo	Markree Castle ¶	122	p	67	14th	50	14th	63·7	52·0	57·4	+0·4	7	0·91	23	+ 1
Armagh	Armagh ... ¶	204	p	69	14th	50	17th	64·4	52·1	57·8	0·0	7	0·96	24	+ 6
Down	Donaghadee ¶	35	t	67	15th	50	14th	63·7	52·9	57·9	+0·6	6	1·10	28	+10
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	75	15th	52	18th	66·6	54·9	60·3	− 0·1	5	0·36	9	− 4
King'sCounty	Birr Castle ¶	175	t	70	14th	50	14th	63·7	52·6	57·8	− 1·0	6	0·70	18	+ 3
Kilkenny	Kilkenny ¶	182	a	69	14th	47	14th	65·7	51·7	58·2	− 1·1	3	0·37	9	− 6
Waterford	Waterford ¶	137	a	71	13th	48	17th	65·4	52·9	58.7	− 1·0	6	0·65	17	+ 1
	Seskin, Carrick-on-Suir	542	p	66	14, 15, 16	48	14, 17	64·7	50·1	56·9	—	4	0·68	17	—
Limerick	Foynes ... ¶	50	a	72	14th	51	14th	65·1	53·7	59.0	− 0·2	6	0·65	16	0
Kerry	Cahirciveen ¶	30	t	63	15th	53	13, 19	60·7	54·7	57·5	− 1·6	5	1·41	36	+16
	Killarney ¶	174	a	71	14th	52	19th	64·9	54·3	59·2	− 0·2	6	0 85	22	+ 5
Cork	Roche's Point ¶	32	t	64	13th	51	18th	62·1	53·0	57·2	− 2·1	4	1·15	29	+14
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	65	13-16	53	14, 17	64·1	54·1	58·8	− 1·8	4	0·50	13	0
Guernsey	Grange ... ¶	173	p	69	15th	53	14th	65·4	55·4	60·1	− 1·8	2	0·79	20	+ 8
Jersey	St. Heliers ¶	28	h	70	15th	55	13, 14 15	67·3	56·4	61·5	− 0·8	2	0·28	7	− 5

Stations reporting Sunshine and Temperature on the Grass and in the Ground		Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §		5·3	− 0·9	33	0	48	—	—	—	—
Cockle Park §		6·0	+0·7	36	0	44	58·8	+0·7	55·2	+0·3
Tynemouth ...		—	—	—	0	41	—	—	—	—
Durham §		6·6	+1·6	40	0	36	—	—	—	—
Rounton ...		—	—	—	0	38	61·0	—	—	—
West Witton		—	—	—	0	44	61·3	—	53·4	—
Scarborough †§		—	—	—	—	—	—	—	—	—
York §		7·5	+2·2	46	—	—	60·8	+1.3	55·8	− 0·2
Spurn Head...		7·8	—	48	—	—	—	—	—	—
Lincoln ...		—	—	—	0	46	63·1	+2·3	57·6	+1·0
Cranwell §		9·4	+3·1	58	0	43	—	—	—	—
Skegness §		8·3	+1·8	51	—	—	—	—	—	—
Cromer §		8·1	+1·6	50	—	—	—	—	—	—
Yarmouth §		8·4	—	52	0	48	65·6	+2·4	60·7	+1·4
Norwich ...		8·6	—	53	0	40	65·3	—	—	—
Geldeston §		8·1	+1·5	50	—	—	—	—	—	—
Cambridge §		9·2	+2·8	57	0	37	64·8	+2·2	60·0	+1·2
Rothamsted §		8·8	+2·3	55	0	40	63·6	—	—	—
Tottenham §		8·9	—	56	—	—	—	—	—	—
Clacton-on-Sea§		9·1	+2·0	56	0	48	64·4	+3·0	60·2	+1·2
Southend ...		8·6	—	54	0	48	67·4	—	—	—
Harrogate §		8·4	+2·8	51	0	41	58·8	+1·4	55·7	+0.3
Sheffield §		8·3	+2·8	51	0	46	60·8	+2·0	56·3	+1·8
Buxton ...		8·2	—	51	0	50	60·9	+2·4	54·3	+0·3
Worksop §		6·7	+1·7	41	0	38	61·8	—	57·2	—
Nottingham §		8·0	+2·6	49	0	44	62·6	+1·8	58·8	+1·5
Birmingham §		8·7	+4·1	54	0	43	59·1	+3·0	52·3	0·0
Oundle ...		8·2	—	51	0	40	63·9	—	57·7	—
Oxford §		7·9	+1·8	49	0	42	—	—	—	—
Cheadle ...		—	—	—	0	50	—	—	—	—
Tenbury ...		—	—	—	0	38	61·2	—	—	—
Malvern ...		8.0	—	50	0	45	63·4	—	59·5	—
Ross on Wye§		7·8	—	49	0	42	63·8	—	59·6	—
Clifton §		8·6	+2·0	54	0	52	—	—	—	—
Westminster		8·8	+3·2	55	—	—	—	—	—	—
Greenwich ...		8·7	+2·5	55	0	37	—	—	—	—
Hampstead ...		8·6	—	54	0	40	—	—	—	—
Camden Square		—	—	—	0	46	66·6	—	58·9	—
Richmond § (Kew Obs.)		8·7	+2·4	54	0	41	64·8	+2·9	59·0	+1·6
Wisley §		9·1	+2·6	57	0	35	64·2	+2·0	59·4	+1·1
Tunbridge W'ls§		8·5	+1·8	53	0	35	64·1	—	60·4	—
Margate §		8·2	+1·9	51	0	50	68·5	+5·6	64·3	+4·6
Folkestone §		9·5	—	60	0	42	—	—	59·0	—
St. Leonards §		9·1	+1·8	57	0	44	66·5	—	60·6	—
Worthing §		9·4	+2·1	59	0	44	65·0	+1·4	60·1	+0·8
Ventnor §		9·2	+2·1	58	—	—	—	—	—	—
Southampton§		9·0	+2·2	56	0	48	—	—	—	—
Marlborough§		8·3	+2·4	52	0	38	62·3	—	57·3	—
Porton ...		9·7	—	61	0	36	63·9	—	—	—
Aspatria §		4.8	− 0·6	29	0	46	56·6	− 2·6	52·7	− 1·7
Newton Rigg§		6·3	+0·8	38	0	41	—	—	—	—
Stonyhurst §		7·1	+1.7	43	0	47	—	—	—	—
Blackpool §		7·3	+0·9	44	0	44	63·2	—	56·2	—
Southport §		9·3	+3·1	57	0	46	66·4	+2·9	62·2	+2·0
Whitworth Pk.		7·0	+2·3	43	—	—	—	—	—	—
Oldham Road		7·2	+2·8	44	0	46	63·4	+2·7	57·8	− 0·3
Bidston ..		8·4	—	51	0	48	—	—	—	—
(Ches.)Hoylake§		9·0	+3·1	55	—	—	—	—	—	—
Llandudno §		7·7	+1·7	47	—	—	—	—	—	—
Holyhead ...		7·5	—	46	0	50	—	—	—	—
Aberystwyth§		5·9	+0·3	37	—	—	—	—	—	—
St. Ann's Hd.§		7·8	+1·4	49	—	—	—	—	—	—
Rhayader §		7·6	—	47	0	33	—	—	—	—
Cardiff ...		9·9	—	62	0	43	63·0	+1·5	57·6	− 0·2
Bath ... §		8·3	+1·9	52	—	—	64·7	—	59·9	—
Shaftesbury...		—	—	—	—	—	—	—	57·6	—
Weymouth ...		8·4	—	53	—	—	—	—	—	—
Arlington ...		—	—	—	0	45				
Cullompton §		6·3	+0·6	40	0	39	64·6	—	—	—
Plymouth §		7·8	+1·3	49	0	43	63·5	− 0·1	57·9	—
Newquay §		7·8	+1·3	49	—	—	61·5	—	57·4	—
Falmouth §		8·7	+1·8	55	0	46	64·7	—	60·8	—
Malin Head...		3·8	—	23	—	—	—	—	—	—
Mallarany ...		3·7	—	22	—	—	—	—	—	—
MarkreeC'stle§		2·8	− 1·3	17	0	45	60·3	− 0·2	55·3	− 0·5
Armagh §		3·0	− 1·4	18	0	48	60·0	− 0·4	55·9	− 0·5
Trinity Coll.		—	—	—	0	45	61·7	+0·9	56·9	− 0·2
Phœnix Park §		5·5	+0·4	34	0	43	—	—	—	—
Dublin City...		—	—	—	0	48	—	—	—	—
Birr Castle §		4·1	− 0·2	25	0	43	—	—	—	—
Seskin ...		6·0	—	37	0	40	—	—	—	—
Cahirciveen (Valencia O.)§		5·3	+0·5	33	0	51	—	—	—	—
Ballinacurra §		5·4	+0·1	34	—	—	—	—	—	—
St. Mary's §		9·3	+2·6	59	—	—	—	—	—	—
Grange §		9·8	+2·1	62	0	49	67·8	+4·5	62·5	+2·3
St. Heliers §		8·6	+1·1	55	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, July 19th, 1924.

District, County & Station.		Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed.	Highest Gust. Time.
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s. d. hr.	m.p.h	m/s. d. h. m.
0. SCOTLAND, N.																	
Shetlands	Lerwick ...	310	42	‡	—	0	—	0	66	55	47	0	230	23	10 16 19	32	14 16 18 35
Orkneys	**Deerness (Cup Anr.)	188	16	5	—	0	12	3	40	101	24	0	130	80	13 12 19	—	— — — —
1. SCOTLAND, E.																	
Aberdeen	Aberdeen ...	72	42	‡	—	0	—	0	14	132	22	0	200	16	7 16 14	30	13 16 14 30
Edinburgh	Edinburgh ...	485	39	31	—	0	—	0	59	97	12	0	290	20	9 13 17	34	15 13 16 25
6a. SCOTLAND, W.																	
Renfrew	Paisley ...	188	81	15	—	0	—	0	16	148	4	0	280	16	7 13 18	34	15 13 18 10
Dumfries	Eskdalemuir ...	825	50	22	—	0	—	0	78	74	16	0	200	23	10 15 8	34	15 13 13 0
2. ENGLAND, N.E.																	
Durham	South Shields...	72	61	12	—	0	13	1	36	80	32	19	260	25	11 13 18	39	17 13 16 45
York, E.R.	Spurn Head ...	67	41	‡	—	0	13	1	68	90	9	0	270	27	12 13 14	43	19 13 14 10
Lincoln	Cranwell ...	280	43	31	—	0	—	0	49	(88)	(29)	2	280	21	9 18 14	30	13 18 16 35
3. ENGLAND, E.																	
Norfolk	Gorleston ...	52	42	‡	—	0	—	0	38	87	39	4	10	23	10 18 2	36	16 18 2 50
Essex	Shoeburyness...	103	90	‡	—	0	17, 18	3	41	102	22	0	—	31	14 17 21	53	24 18 0 45
5. ENGLAND, S.E.																	
Surrey	Richmond (Kew Obs.)...	82	65	22	—	0	—	0	17	106	45	0	70	18	8 17 19	32	14 17 22 55
Kent	Lympne ...	409	70	‡	—	0	18	3	46	89	30	0	330	33	15 18 2	48	21 18 1 25
Surrey	Croydon ...	284	40	24	—	0	—	0	15	142	11	0	250	16	7 13 17	34	15 17 23 5
Hampshire	Petersfield (Stoner Hill)...	811	42	‡	—	0	17	2	29	113	24	0	340	26	12 17 23	43	19 17 22 30
Hampshire	S. Farnboro' (Pye'k Tr.)...	444	160	—	—	0	17	1	77	80	9	1	330	25	11 17 23	44	20 13 12 25
Wiltshire	Larkhill, (S'y Plain)...	513	63	43			17	1	73	(93)	(1)	0	20	27	12 17 20	38	17 17 20 0
7a ENGLAND, N.W.																	
Lancashire	Fleetwood ...	112	50	12	—	0	16, 18	6	107	41	14	0	310	26	12 18 3	35	16 16 22 0
Lancashire	Southport ...	80	62	48	—	0	13, 16 to 18	34	81	52	1	0	250	33	15 13 15	41	18 13 17 10
7b. NORTH WALES.																	
Anglesey	Holyhead ...	64	45	‡	—	0	—	0	120	48	0	0	290	24	11 18 {6, 7}	37	17 14 17 25
8b. ENGLAND, S.W.																	
Devon	Plymouth ...	185	88	2	—	0	17	3	35	91	39	0	—	29	13 17 12	48	21 17 18 15
Cornwall	Pendennis Castle§...	256	65	24	—	0	17	2	37	78	46	5	340	26	12 17 17	43	19 17 16 35
10. IRELAND, S.																	
Dublin	Kingstown (Cup Anr.)...	49	27	—	—	0	13, 15, 16, 18	8	80	71	9	0	260	23	13 16 13	—	— — — —
Clare	Quilty	100	40	‡	—	0	—	0	103	39	12	14	—	23	11 16 5	36	16 16 15 40
Kerry	Cahirciveen (Val. Obs.)...	98	41	‡	—	0	—	0	111	51	6	0	190	23	10 14 13	34	15 14 13 50
Cork	Weaver Pt. ...	160	30	‡	—	0	—	0	75	88	5	0	—	19	9 13 14	31	14 16 16 45
11a. SCILLY ISLES.																	
Scilly	St. Mary's ...	150	32	‡	—	0	17	12	47	81	28	0	330	38	17 17 16	55	25 17 15 55

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	22	7	3·1	13	6	2·6	12	7	3·1	14	4	1·9	24	9	4·0	11	7	3·0	24	7	3·3	20	9	4·0
North	2	3	1·3	8	3	1·5	6	8	3·5	7	4	1·7	4	5	2·0	12	6	2·5	0	—	—	8	5	2·2
West	11	9	3·8	25	10	4·3	14	7	3·0	22	6	2·8	28	9	3·9	21	11	5·0	18	14	6·1	21	10	4·3
East	10	7	3·1	0	—	—	4	5	2·4	1	9	3·8	0	—	—	2	7	3·3	6	4	1·6	7	4	1·8
Calm (or wind-speed < 4 m.p.h.)	3	—	—	3	—	—	8	—	—	4	—	—	0	—	—	3	—	—	1	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 24th July, 1924.

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M071

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 30.

THIRTIETH WEEK.
SUNDAY, JULY 20TH TO SATURDAY, JULY 26TH, 1924.

Price 9d. Net. Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTIETH WEEK of 1924—July 20th to July 26th, 1924.

DISTRICTS. See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	69	40	60·6	47·7	53·7	− 1·1	82	− 8	0	0	4	0	0·51	13	− 4	6·4	+2·3	38	1011
Eastern.																			
1. SCOTLAND, EAST ...	70	38	60·5	47·8	53·7	− 2·3	82	− 17	0	0	5	+ 1	0·62	16	− 1	4·4	− 0·1	27	1012
2. ENGLAND, N.E. ...	73	44	63·3	50·7	56·6	− 1·8	102	− 13	0	0	5	+ 1	1·00	25	+ 7	4·3	− 0·8	27	1012
3. ENGLAND, EAST ...	74	45	66·7	52·6	59·1	− 1·4	120	− 10	0	0	5	+ 1	0·79	20	+ 5	5·7	− 0·2	36	1013
4. MIDLAND COUNTIES	74	42	64·7	50·8	57·3	− 2·5	107	− 17	0	0	5	+ 1	0·98	25	+ 6	3·6	− 1·7	23	1013
5. ENGLAND, S.E. ...	74	40	67·4	52·7	59·6	− 1·7	123	− 12	0	0	4	+ 1	1·21	31	+16	6·1	− 0·3	39	1013
Western.																			
6. SCOTLAND, WEST[1] ...	71	42	62·2	49·8	55·6	− 1·5	95	− 11	0	0	4	0	0·63	16	− 4	4·6	− 0·4	28	1013
7. ENGLAND, N.W.[2] ...	66	42	61·4	52·4	56·6	− 2·2	102	− 15	0	0	5	+ 1	1·48	38	+16	2·9	− 2·3	18	1013
8. ENGLAND, S.W.[3] ...	72	42	63·4	53·1	57·9	− 2·0	111	− 14	0	0	4	0	1·52	39	+18	3·9	− 1·9	25	1014
9. IRELAND, NORTH ...	69	43	61·6	50·5	55·6	− 1·5	95	− 11	0	0	4	− 1	0·44	11	− 9	4·8	+0·5	30	1015
10. IRELAND, SOUTH ...	69	44	64·5	52·1	57·9	− 1·1	111	− 8	0	0	5	+ 1	0·33	8	− 15	5·1	+0·2	32	1016
11. CHANNEL ISLANDS[4]	73	53	63·9	56·2	59·7	− 1·7	124	− 12	0	0	4	0	0·74	19	+ 4	5·0	− 1·9	32	1015
MEAN: DISTRICTS 1-10	74	38	63·6	51·3	57·0	− 1·8	105	− 13	0	0	5	+ 1	0·90	23	+ 4	4·5	− 0·7	29	1013

THE SEASON (Summer).—Aggregates, &c., for the Period of 8 Weeks, June 1st to July 26th, 1924.

0. SCOTLAND, NORTH...	81	31	59·1	47·7	53·0	− 0·6	620	− 37	4	+ 3	38	+ 6	7·86	200	+60	5·0	+ 0·3	28	1010
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·4	47·4	53·9	− 1·3	672	− 67	6	+ 5	37	+ 8	5·23	133	+15	5·4	− 0·1	31	1011
2. ENGLAND, N.E. ...	87	32	65·1	49·9	57·0	0·0	839	+ 2	0	0	28	+ 3	4·06	103	− 3	6·2	+ 0·2	37	1013
3. ENGLAND, EAST ...	87	35	68·0	52·0	59·4	+0·5	975	+29	0	0	25	0	3·80	96	− 5	7·4	+ 0·7	45	1015
4. MIDLAND COUNTIES	87	33	66·5	50·0	57·7	− 0·7	880	− 39	0	0	27	+ 2	4·46	114	+ 7	5·9	− 0·1	36	1014
5. ENGLAND, S.E. ...	86	34	66·7	51·8	58·8	− 0·8	940	− 42	0	0	23	0	4·63	118	+23	7·6	+ 0·5	47	1015
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·6	49·3	55·0	− 1·2	730	− 69	0	0	37	+ 7	6·36	162	+15	4·9	− 0·9	29	1012
7. ENGLAND, N.W.[2] ...	85	33	62·7	51·2	56·6	− 0·9	817	− 50	0	0	33	+ 6	5·35	136	+10	5·2	− 1·0	31	1013
8. ENGLAND, S.W.[3] ...	84	33	63·5	51·7	57·2	− 1·1	848	− 66	0	0	27	0	5·81	148	+23	5·6	− 1·0	35	1015
9. IRELAND, NORTH ...	73	38	61·3	50·3	55·4	− 0·8	751	− 45	0	0	42	+ 8	5·65	142	+ 6	3·7	− 1·4	22	1011
10. IRELAND, SOUTH ...	75	39	63·1	51·7	57·0	− 0·9	839	− 51	0	0	41	+12	6·93	176	+43	4·1	− 1·5	25	1013
11. CHANNEL ISLANDS[4]	83	46	63·8	53·7	58·4	− 1·1	921	− 58	0	0	27	+ 1	3·31	84	− 10	7·2	− 0·6	45	1017
MEAN: DISTRICTS 1-10	87	29	64·0	50·5	56·8	− 0·7	829	− 40	1	+ 1	32	+ 5	5·23	133	+13	5·6	− 0·5	34	1013

THE YEAR. Aggregates, &c., for the Period of 30 Weeks, December 30th, 1923, to July 26th, 1924.

0. SCOTLAND, NORTH...	81	12	49·8	39·5	44·5	− 0·2	964	−103	448	− 68	133	− 3	24·81	631	− 39	3·4	− 0·2	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	50·2	38·1	43·9	− 1·1	1006	−206	608	+24	128	+11	15·70	400	− 11	3·6	− 0·6	27	1011
2. ENGLAND, N.E. ...	87	16	52·3	39·8	45·8	− 0·6	1319	− 53	516	+66	99	− 6	13·66	346	+18	4·1	− 0·4	31	1013
3. ENGLAND, EAST ...	87	18	54·1	41·1	47·4	0·0	1600	0	476	+ 9	100	− 3	14·28	361	+44	4·9	+ 0·1	37	1014
4. MIDLAND COUNTIES	87	15	54·0	39·8	46·6	− 0·6	1482	−107	516	+22	103	+ 1	16·28	413	+58	4·0	− 0·3	30	1013
5. ENGLAND, S.E. ...	86	17	54·4	41·7	47·8	− 0·7	1621	− 90	398	+41	97	− 2	16·27	414	+70	5·2	+ 0·2	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	51·7	39·8	45·5	− 1·1	1189	−165	453	+63	125	+ 1	22·00	557	− 47	3·7	− 0·6	28	1012
7. ENGLAND, N.W.[2] ...	85	21	52·3	41·6	46·8	− 0·5	1366	− 95	366	+ 6	117	+ 7	17·72	449	+ 4	4·0	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	53·5	42·3	47·7	− 0·7	1500	−130	309	+25	108	− 2	21·36	541	+52	4·4	− 0·4	34	1013
9. IRELAND, NORTH ...	73	18	52·6	41·7	46·9	− 0·3	1324	− 88	287	− 26	140	+ 5	20·09	509	+ 8	3·6	− 0·4	27	1011
10. IRELAND, SOUTH ...	75	21	54·3	43·0	48·4	− 0·4	1574	− 91	226	− 16	131	+12	21·98	557	+28	3·7	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	54·7	46·0	50·2	− 0·3	1805	− 88	88	− 12	113	− 2	17·06	435	+36	5·3	− 0·4	41	1014
MEAN: DISTRICTS 1-10	87	2	52·9	40·9	46·7	− 0·6	1398	−103	415	+21	115	+ 2	17·94	455	+22	4·1	− 0·4	31	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man; [2] and North Wales; [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Moderate	Deficient
	Rainfall ..	Light	Moderate	Heavy	Heavy	Heavy	Heavy	Moderate	Heavy	Heavy	Light	Light	Heavy
	Sunshine ..	Very Abundant	Moderate	Scanty	Moderate	Scanty	Moderate	Scanty	Very Scanty	Scanty	Moderate	Moderate	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 8 weeks from June 1st, 1924	Warmth ..	2, 4, 2	0, 5, 3	2, 3, 3	3, 3, 2	1, 4, 3	0, 4, 4	0, 5, 3	0, 5, 3	0, 4, 4	0, 6, 2	0, 7, 1	0, 5, 3
	Rainfall ..	4, 2, 2	2, 5, 1	3, 3, 2	3, 3, 2	4, 2, 2	4, 2, 2	2, 5, 1	3, 3, 2	4, 2, 2	2, 5, 1	4, 3, 1	3, 2, 3
	Sunshine ..	5, 1, 2	1, 5, 2	2, 3, 3	4, 2, 2	2, 3, 3	4, 2, 2	0, 2, 6	1, 3, 4	1, 4, 3	0, 3, 5	0, 3, 5	2, 3, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over the British Isles was generally unsettled. There were bright intervals but thunderstorms occurred on various days in many parts of the country and locally the rainfall was exceptionally heavy. In some places the thunderstorms were accompanied by hail, while on the 22nd rainfall measurements of 103mm. were recorded at Wisley (Surrey) and 37mm. in London (Hampstead). Some high rates of rainfall were registered during this thunderstorm, *e.g.*, 9 mm. at Hampstead in 2½ minutes, and 10mm. at South Kensington in 3 minutes. There was also a considerable drop in temperature, the fall at South Kensington being as much as 16°F. in about 10 minutes. In several other places there were rainfall amounts of 25mm. and more recorded during the week, among the largest being 35mm. at Cullompton and 34mm. at Cardiff on the 20th and 72mm. at Falmouth on the 21st. The total amount of rainfall for the week was below the normal in the Scottish and Irish Districts but in other Districts it was above normal.

The maximum temperature, which occurred generally during the first half of the week, varied a good deal. At a few stations maximum readings of about 74°F. were recorded while on the other hand in one or two places temperature did not rise much above 60°F. The lowest of the screen minima, 37°F., was registered at Eskdalemuir on the 20th, but a ground frost was recorded at Achnashellach (Ross-shire) on the 21st. The mean temperature for the week was below the normal in all Districts, the average deficit being about 2°F. There were some fairly good records of sunshine and the total amount for the week was above the normal at a few stations, but in most parts of the country it was below normal. The departure of the mean daily duration of sunshine from the normal ranged from + 2·6 hrs. at Stornoway to − 4·5 hrs. at Scilly. Solar halos were observed at Oxford on the 20th and 25th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	*t*	60	23rd	47	22nd	55·4	48·9	51·9	− 0·6	5	0·69	17
Orkneys	Deerness ...	160	*p*	60	23rd	46	24th	57·0	48·6	52·5	− 0·9	6	0·30	8
Hebrides	Stornoway ¶	51	*t*	62	22nd	40	22nd	58·6	45·7	51·7	− 2·7	3	0·33	8
	Castlebay ...	37	*t*	61	21st	50	21st	58·6	52·1	55·1	—	4	0·38	10
Caithness	Wick ... ¶	81	*t*	60	21st	44	24th	57·6	48·4	52·7	− 1·5	3	0·11	3
Ross and Cromarty	Strathpeffer ¶	125	*a*	69	22nd	43	21st	63·7	47·7	55·1	− 1·3	3	0·56	14
	Achnashellach ¶	225	*h*	67	21st	41	21st	61·6	46·4	53·5	—	4	1·04	26
Inverness	Inverness ...	242	*h*	68	22nd	47	22, 26	61·0	48·4	54·3	—	3	0·30	7
	Fort Augustus ¶	68	*a*	68	22nd	42	22nd	63·6	47·4	54·9	− 1·3	4	0·29	7
	Onich ... ¶	48	*h*	66	21st	46	26th	63·9	49·4	56·2	—	3	0·54	14
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	68	22nd	43	20th	61·6	47·9	54·3	− 1·5	3	0·33	8
Elgin	Gordon Castle ¶	101	*p*	70	22nd	47	21, 24	62·0	49·3	55·2	− 0·7	4	0·43	11
Aberdeen	Aberdeen ... ¶	46	*t*	65	23rd	47	20, 24	59·7	49·3	54·1	—	5	0·43	11
	Balmoral ... ¶	930	*a*	62	22nd	43	24th	56·9	45·4	51·2	− 2·4	5	0·71	18
Perth	Crieff ... ¶	478	*p*	65	22nd	45	20, 24	61·6	47·3	54·0	− 3·1	5	0·58	15
Forfar	Dundee	147	*a*	66	23rd	46	24th	62·4	49·0	55·2	—	6	0·47	12
Fife	Inchkeith ... ¶	190	*t*	62	22nd	48	20th	58·9	50·4	54·4	—	5	0·40	10
Midlothian	Edinburgh ...	441	*p*	62	20, 23, 25	47	20, 24	60·7	49·6	54·8	− 1·3	4	0·52	13
Peebles	West Linton ¶	770	*a*	66	22nd	38	20th	62·6	44·3	52·8	− 1·0	7	1·09	28
Berwick	Marchmont ¶	498	*a*	65	20th	45	20th	60·4	48·3	53·9	− 1·9	5	0·95	24
6*a*. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	65	22nd	45	21, 26	61·6	47·6	54·1	—	3	0·85	22
Renfrew	Renfrew ... ¶	36	*t*	67	20th	42	20th	63·3	49·0	55·7	—	4	0·23	6
Bute	Rothesay ... ¶	200	*p*	65	20, 22	48	24th	61·1	50·4	55·4	− 1·8	3	0·78	20
Ayr	Kilmarnock ¶	90	*a*	71	22nd	47	20th	64·3	50·4	56·9	+ 0·4	4	0·63	16
	Colmonell... ¶	170	*a*	68	22nd	44	26th	62·9	49·0	55·5	− 0·6	3	0·73	19
Dumfries	Dumfries ... ¶	140	*p*	65	22nd	46	20th	62·1	50·0	55·6	− 2·7	5	0·56	14
	Eskdalemuir ...	794	*t*	64	20, 26	37	20th	61·1	46·0	53·0	—	4	1·07	27

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine. Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	2·6	—	15	—	—	—	—	—	—
Deerness §	4·9	+0·6	29	—	—	—	—	—	—
Stornoway §	7·2	+2·6	43	—	—	—	—	—	—
Castlebay ...	8·5	—	51	—	—	—	—	—	—
Achnashellach	—	—	—	1	30	—	—	—	—
Inverness §	7·1	—	42	0	38	—	—	—	—
Onich ...	4·8	—	29	0	37	—	—	—	—
Nairn §	5·7	—	34	—	—	—	—	—	—
Gordon Castle	4·2	—	25	—	—	—	—	—	—
Aberdeen §	3·4	− 1·2	20	0	39	—	—	53·5	− 0·1
Balmoral ...	—	—	—	0	36	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	4·1	—	25	0	41	59·3	—	—	—
Inchkeith ...	5·5	—	33	0	46	—	—	—	—
Edinburgh §	5·0	+0·3	30	0	43	—	—	—	—
West Linton...	—	—	—	0	35	—	—	—	—
Marchmont §	3·9	− 0·8	24	—	—	—	—	—	—
Ford ...	—	—	—	0	42	58·9	—	55·3	—
Renfrew ...	4·9	—	30	0	36	—	—	—	—
Rothesay §	5·7	+0·7	35	0	43	59·3	—	55·0	− 0·5
Kilmarnock ...	4·2	—	26	—	—	58·1	—	54·7	—
Colmonell ...	—	—	—	0	44	—	—	—	—
Dumfries ...	4·0	—	25	0	40	59·4	− 1·2	55·9	− 2·1
Eskdalemuir §	3·7	− 0·4	23	0	32	—	—	—	—

* *t* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	*h*	65	22nd	50	24, 25	59·9	52·1	55·7	− 1·4	4	0·65	17	− 1
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	*p*	67	20th	44	20th	61·6	48·1	54·4	− 1·5	5	1·17	30	+11
	Tynemouth ¶	118	*t*	65	23rd	49	24th	60·1	51·3	55·4	− 1·8	6	1·30	33	+15
Durham	Durham ¶	336	*p*	65	20th	46	20th	61·7	49·7	55·3	− 2·6	6	1·67	42	+23
York,	Rounton ... ¶	249	*p*	69	23rd	45	20, 24	62·9	49·0	55·5	− 1·8	7	1·18	30	+10
N. Riding	West Witton ...	605	*a*	—	—	—	—	—	—	—	—	—	—	—	—
	Scarborough ¶	118	*h*	72	23rd	48	24th	63·0	51·6	56·9	− 1·8	5	1·32	34	+16
	York ... ¶	56	*p*	69	20th	48	20th	64·7	51·7	57·8	− 1·9	6	0·75	19	+ 1
E. Riding	Spurn Head ¶	26	*t*	67	23rd	51	24, 25	62·6	53·3	57·6	− 1·7	4	0·67	17	+ 3
Lincoln	Lincoln ... ¶	58	*a*	73	22nd	47	20, 25	67·0	51·4	58·7	− 1·6	3	0·44	11	− 6
	Cranwell ... ¶	236	*t*	73	20th	46	20, 26	66·1	50·1	57·5	− 2·6	4	0·47	12	− 6
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	*a*	73	23rd	50	20, 25	65·4	52·4	58·5	− 1·3	5	0·39	10	− 4
	Yarmouth ... ¶	13	*t*	68	20, 23	49	20, 25	65·1	53·6	59·0	− 1·2	4	0·53	13	− 3
	Norwich ... ¶	93	*a*	73	20th	48	20th	67·1	52·4	59·2	− 1·5	5	0·24	6	− 11
	Geldeston ... ¶	37	*a*	74	20, 22	47	20th	67·6	52·3	59·4	− 0·9	4	0·63	16	+ 1
Cambridge	Cambridge ¶	41	*p*	74	22nd	45	20th	67·9	50·9	58·8	− 2·3	5	0·42	11	− 4
Hertford	Rothamsted ¶	420	*a*	70	22nd	46	20th	65·6	50·7	57·6	− 2·4	6	1·68	43	+27
Middlesex	Tottenham ¶	51	*p*	73	22nd	52	20, 25	67·9	54·3	60·6	—	5	1·56	40	—
Essex	Clacton-on-Sea ¶	55	*t*	71	22nd	50	25th	66·6	54·3	60·0	− 0·9	4	0·86	22	+ 9
	Southend	90	*h*	74	22nd	51	25th	68·6	55·1	61·4	—	6	0·77	19	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479		68	20th	47	20, 24, 25	61·7	49·3	55·1	− 2·9	5	1·33	34	+12
W. Riding	Sheffield	429	*p*	66	23rd	49	20th	62·6	52·0	56·9	—	5	0·91	23	+ 4
Derby	Buxton	987	*p*	67	22nd	43	20th	61·3	49·6	55·0	− 1·8	6	2·15	55	+23
Nottingham	Worksop(Hods'ck)¶	56	*a*	72	20th	42	20th	67·1	50·0	58·0	− 1·8	4	0·72	18	0
	Nottingham ¶	192	*a*	69	20th	46	20th	65·0	52·3	58·2	− 1·6	4	0·83	21	+ 3
Warwick	Birmingham (Edg)¶	525	*t*	70	22nd	48	24th	63·0	51·4	56·8	− 3·2	5	0·75	19	0
Northampton	Oundle ... ¶	147	*a*	74	22nd	43	20th	67·3	50·9	58·5	—	4	0·37	9	—
Oxford	Oxford ... ¶	208	*p*	71	22nd	47	20th	66·6	51·6	58·6	− 2·7	5	1·03	26	+ 8
Stafford	Cheadle ... ¶	646	*a*	68	22nd	46	20th	62·3	49·9	55·7	− 2·6	6	1·62	41	+17
Worcester	Tenbury ... ¶	313	*p*	72	22nd	42	20th	64·1	49·1	56·1	− 3·4	6	1·31	33	+15
	Malvern	377	*h*	70	22nd	49	22nd	63·0	51·3	56·7	—	6	1·98	50	—
Hereford	Hereford ... ¶	291	*a*	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	*a*	71	22nd	51	24th	65·3	53·0	58·7	− 3·5	5	0·83	21	− 3
5. ENGLAND, S.E.															
Loudon	Westminster ...	27	*a*	73	22nd	52	20th	68·6	54·7	61·2	− 1·5	5	1·69	43	+28
	Greenwich‡ ...	149	*a*	78	20th	48	20th	71·1	52·7	61·3	− 1·5	7	1·02	26	+11
	Hampstead ...	450	*a*	72	20th	46	25th	66·7	52·6	59·2	—	6	2·89	73	—
	Camden Square ...	110	*a*	74	20th	51	25th	69·0	54·0	61·0	− 2·5	6	2·11	54	+38
Surrey	Richmond (KewO)¶	18	*t*	74	21st	49	20th	68·7	53·7	60·7	− 1·3	6	1·20	31	+16
	Wisley ... ¶	150	*a*	72	20th	47	20th	68·4	52·1	59·7	− 1·4	6	5·31	135	+122
Kent	Tunbridge Wells¶	354	*h*	72	21st	47	20th	68·7	51·6	59·6	− 1·3	4	0·98	25	+11
	Margate ... ¶	51	*h*	73	22nd	53	20th	67·9	56·4	61·8	− 0·2	4	0·57	15	+ 2
	Dungeness ¶	21	*t*	68	23rd	51	20, 23	66·6	54·7	60·2	− 0·8	3	0·81	21	+ 8
Sussex	St. Leonards ¶	178	*h*	69	21, 23	50	25th	67·1	54·3	60·3	− 1·0	4	1·37	35	+20
	Worthing	36	*h*	70	21st	49	20th	66·9	54·0	60·0	—	3	0·68	17	—
I. of Wight	Ventnor ... ¶	59	*a*	69	22nd	52	20th	66·4	54·9	60·3	− 1·6	4	0·21	5	− 9
Hampshire	Southampton ¶	64	*p*	71	23rd	50	20, 25	67·7	53·1	59·9	− 2·7	3	0·28	7	− 9
Wiltshire	Marlborough ¶	424	*a*	68	21, 22, 23	40	20th	65·4	47·6	55·9	− 3·1	6	0·95	24	+ 7
	Porton ¶	363	*a*	71	23rd	44	20th	66·8	48·9	57·2	—	4	0·45	11	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	*p*	64	26th	48	25, 26	59·7	49·9	54·5	− 3·3	4	0·52	13	− 12
	Newton Rigg ¶	559	*p*	64	20th	42	26th	61·1	48·1	54·2	− 3·4	5	1·13	29	+ 8
Lancashire	Stonyhurst ¶	377	*a*	64	20th	49	20th	61·4	51·6	56·2	− 2·0	5	2·01	51	+22
	Blackpool ¶	66	*h*	66	22nd	53	21st	63·1	54·7	58·6	− 0·4	5	1·19	30	+ 9
	Southport ¶	37	*h*	65	22nd	51	20th	62·4	54·4	58·1	− 1·0	3	1·84	47	+26
Manchester	Whitworth Pk. ¶	125	*p*	65	20, 21, 22	48	20th	62·9	53·1	57·7	− 2·6	6	1·62	41	+19
Cheshire	Liverp'l (Bidston) ¶	189	*a*	64	22nd	51	20th	61·6	53·6	57·3	− 2·4	6	2·05	52	+33
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	*a*	64	21, 22, 23	47	20th	62·7	53·1	57·6	− 2·8	6	3·31	84	+68
Carnarvon	Llandudno ¶	22	*h*	64	22nd	46	20th	61·1	53·6	57·1	− 2·8	5	0·80	20	+ 3
Anglesey	Holyhead ¶	26	*t*	61	22nd	52	20, 25, 26	59·3	53·9	56·4	− 2·1	5	0·40	10	− 9
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	*h*	66	21st	49	20th	62·0	54·4	57·9	—	4	1·85	47	—
Pembroke	St. Ann's Hd. ¶	150	*t*	63	22nd	53	20, 24	59·9	54·0	56·7	− 2·0	3	1·39	35	+16
Radnor	Rhayader ¶	757	*a*	69	22nd	42	20th	60·7	49·6	54·8	—	5	2·29	58	—
Glamorgan	Cardiff ... ¶	202	*p*	71	22nd	49	23, 24, 25	63.6	51·4	57·1	− 3·1	5	1·74	44	+20
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	*h*	71	22nd	46	20th	66·3	52·3	58·8	− 2·1	6	0·67	17	− 1
Dorset	Shaftesbury ¶	722	*a*	71	22, 26	49	24th	65·1	52·1	58·2	− 1·5	5	0·46	12	− 7
	Portland Bill ¶	19	*t*	65	22nd	55	20th	62·9	57·3	59·9	− 0·5	—	—	—	—
Devon	Arlington ¶	613	*a*	64	21st	49	25th	61·9	52·0	56·6	− 1·9	4	1·44	37	+ 7
	Cullompton ¶	202	*a*	72	22nd	50	20th	65·7	52·7	58·8	− 1·6	4	1·63	41	+21
	Plymouth ¶	116	*p*	68	22nd	51	22nd	64·0	54·0	58·7	− 2·2	3	1·98	50	+30
Cornwall	Newquay ... ¶	190	*h*	63	20th	54	20th	61·1	55·9	58·3	− 1·8	4	0·70	18	+ 1
	Falmouth ¶	167	*h*	67	22nd	53	24th	64·0	55·1	59·2	− 1·1	5	3·34	85	+64
9. IRELAND, N.															
Donegal	Malin Head ¶	53	*t*	60	22nd	50	22nd	58·3	51·9	54·9	− 1·5	5	0·25	6	− 12
Mayo	Blacksod Point ¶	10	*t*	61	22, 25, 26	46	22nd	60·4	51·4	55·6	− 1·8	4	0·64	16	− 6
	Mallaranny ...	120	*a*	67	20th	47	22nd	63·7	51·0	56·9	—	5	0·53	13	−
Sligo	Markree Castle ¶	122	*p*	69	22nd	46	21, 22	62·9	49·0	55·5	− 1·2	5	0·87	22	0
Armagh	Armagh ... ¶	204	*p*	66	22nd	43	21st	62·6	49·4	55·5	− 1·9	4	0·40	10	− 9
Down	Donaghadee ¶	35	*t*	62	22, 24	49	26th	60·3	51·0	55·3	− 1·8	3	0·16	4	− 14
10. IRELAND, S.															
Dublin	Dublin City ¶	54	*p*	65	23, 24	50	24, 25	62·9	52·1	57·1	− 2·9	5	0·49	12	− 7
King'sCounty	Birr Castle ¶	175	*t*	68	22nd	45	21st	65·1	50·0	57·0	− 1·3	5	0·31	8	− 14
Kilkenny	Kilkenny ¶	182	*a*	69	22, 26	49	21, 24	66·3	50·9	58·1	− 0·7	3	0·20	5	− 16
Waterford	Waterford ¶	137	*a*	69	26th	51	21, 24	66·6	52·9	59·3	0·0	4	0·18	5	− 18
	Seskin, Carrick-on-Suir	542	*p*	67	22, 23	47	31st	65·1	49·7	56·9	—	4	0·22	6	—
Limerick	Foynes ... ¶	50	*a*	67	22nd	50	21, 22	64·6	52·4	58.1	− 0·7	6	0·41	10	− 13
Kerry	Cahirciveen ¶	30	*t*	64	20th	51	22nd	60·7	54·0	57·1	− 1·7	3	0·37	9	− 19
	Killarney ¶	174	*a*	69	22nd	44	23rd	65·1	50·9	57·5	− 1·6	6	0 57	14	− 11
Cork	Roche's Point ¶	32	*t*	68	22nd	52	21, 22, 23, 26	65·0	53·3	58·7	− 0·3	5	0·13	3	− 19
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	*t*	62	24, 26	53	23, 24	60·7	54·4	57·3	− 3·2	5	1·81	46	+31
Guernsey	Grange ... ¶	173	*p*	69	20th	55	22, 25	65·0	56·1	60·2	− 1·7	4	0·18	5	− 8
Jersey	St. Heliers ¶	28	*h*	73	20th	57	23, 25, 26	65·9	58·0	61·7	− 0·6	3	0·24	6	− 8

Stations reporting Sunshine and Temperature on the Grass and in the Ground		Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas	§	4·2	− 1·6	26	0	46	—	—	—	—
Cockle Park	§	3·7	− 1·2	23	0	41	56·0	− 2·1	55·0	− 0·3
Tynemouth ...		—	—	—	0	45	—	—	—	—
Durham	§	2·8	− 1·9	17	0	34	—	—	—	—
Rounton ...		—	—	—	0	35	59·3	—	—	—
West Witton		—	—	—	—	—	—	—	—	—
Scarborough	†§	4·1	− 1·0	25	0	46	—	—	58·1	—
York	§	4·3	− 0·5	27	—	—	59·4	− 0.3	56·3	− 0·3
Spurn Head...		6·0	—	38	—	—	—	—	—	—
Lincoln ...		—	—	—	0	42	60·5	− 0·7	57·9	+0·7
Cranwell	§	5·1	− 0·6	32	0	39	—	—	—	—
Skegness	§	6·1	+0·1	38	—	—	—	—	—	—
Cromer	§	5·7	− 0·2	36	—	—	—	—	—	—
Yarmouth	§	6·7	—	42	0	47	63·4	+0·2	61·0	+1·2
Norwich ...		5·5	—	35	0	41	62·4	—	—	—
Geldeston	§	5·5	− 0·5	34	—	—	—	—	—	—
Cambridge	§	4·8	− 1·0	31	0	41	62·8	+0·1	60·2	+0·9
Rothamsted	§	4·8	− 1·1	30	0	39	60·0	—	—	—
Tottenham	§	5·7	—	37	—	—	—	—	—	—
Clacton-on-Sea	§	6·6	+0·2	42	0	47	62·4	+1·0	60·1	+0·6
Southend ...		6·0	—	38	0	49	64·0	—	—	—
Harrogate	§	3·9	− 1·3	24	0	39	57·2	− 0·5	55·8	0.0
Sheffield	§	4·3	− 0·8	27	0	43	58·4	− 0·7	56·4	+1·5
Buxton ...		2·2	—	14	0	43	57·8	− 0·9	55·3	+0·8
Worksop	§	3·4	− 1·2	21	0	33	59·7	—	57·1	—
Nottingham	§	2·8	− 2·3	18	0	40	60·3	− 0·6	58·9	+1·0
Birmingham	§	2·7	− 1·7	17	0	34	55·6	− 0·7	52·5	− 0·2
Oundle ...		4·3	—	27	0	39	62·2	—	58·0	—
Oxford	§	3·8	− 1·9	24	0	42	—	—	—	—
Cheadle ...		—	—	—	0	49	—	—	—	—
Tenbury ...		—	—	—	0	38	58·3	—	—	—
Malvern ...		5.2	—	33	0	44	60·8	—	59·2	—
Ross on Wye	§	3·5	—	22	0	44	61·0	—	59·3	—
Clifton	§	4·3	− 1·7	28	0	52	—	—	—	—
Westminster		5·3	− 0·1	34	—	—	—	—	—	—
Greenwich ...		5·3	− 0·8	34	0	35	—	—	—	—
Hampstead ...		5·7	—	36	0	36	—	—	—	—
Camden Square		—	—	—	0	46	62·7	—	59·4	—
Richmond (Kew Obs.)	§	5·2	− 0·8	33	0	40	62·2	+0·2	59·4	+1·5
Wisley	§	5·3	− 0·9	34	0	37	62·5	+0·1	59·5	+0·7
Tunbridge W'ls	§	6·1	− 0·2	39	0	38	62·8	—	60·3	—
Margate	§	6·8	+0·8	44	0	50	65·8	+2·7	64·1	+4·0
Folkestone	§	6·4	—	41	0	45	—	—	59·5	—
St. Leonards	§	6·6	− 0·3	42	0	47	65·1	—	61·0	—
Worthing	§	7·1	+0·2	46	0	46	63·8	0·0	60·3	+0·5
Ventnor	§	7·4	+0·8	48	—	—	—	—	—	—
Southampton	§	6·2	− 0·3	39	—	—	—	—	—	—
Marlborough	§	4·0	− 1·6	25	0	41	60·2	—	57·2	—
Porton ...		5·5	—	35	0	38	60·5	—	—	—
Aspatria	§	2·8	− 2·3	17	0	45	56·4	− 3·0	53·1	− 1·8
Newton Rigg	§	2·3	− 2·9	14	0	39	—	—	—	—
Stonyhurst	§	2·8	− 2·2	17	0	43	—	—	—	—
Blackpool	§	3·1	− 2·9	19	0	41	60·9	—	56·7	—
Southport	§	3·2	− 2·7	20	0	43	62·5	− 1·2	61·6	+0·9
Whitworth Pk.		1·7	− 2·7	10	—	—	—	—	—	—
Oldham Road		2·0	− 2·1	12	0	42	60·6	− 0·6	58·9	+0·3
Bidston ..		2·8	—	17	0	47	—	—	—	—
(Ches.)Hoylake	§	3·6	− 2·0	22	—	—	—	—	—	—
Llandudno	§	2·7	+3·1	17	—	—	—	—	—	—
Holyhead ...		3·3	—	20	0	49	—	—	—	—
Aberystwyth	§	3·1	− 2·3	19	—	—	—	—	—	—
St. Ann's Hd.	§	4·8	− 1·1	31	—	—	—	—	—	—
Rhayader	§	3·1	—	19	0	33	—	—	—	—
Cardiff ...		4·4	—	28	0	42	60·7	− 1·0	58·0	− 0·3
Bath ...	§	4·9	− 1·1	31	—	—	62·5	—	60·0	—
Shaftesbury...		—	—	—	—	—	—	—	57·9	—
Weymouth ...		6·0	—	39	—	—	—	—	—	—
Arlington ...		—	—	—	0	44	—	—	—	—
Cullompton	§	3·5	− 1·9	23	0	44	61·8	—	—	—
Plymouth	§	5·2	− 0·9	33	0	48	60·2	− 3·8	58·0	—
Newquay	§	2·4	− 3·7	15	—	—	60·7	—	57·8	—
Falmouth	§	4·0	− 2·5	26	0	50	63·3	—	61·0	—
Malin Head...		7·3	—	45	—	—	—	—	—	—
Mallarany ...		6·7	—	42	—	—	—	—	—	—
MarkreeC'stle	§	5·9	+1·7	37	0	40	61·1	+0·4	55·9	− 0·3
Armagh	§	3·7	− 0·7	23	0	35	59·1	− 1·6	56·2	− 0 7
Trinity Coll.		—	—	—	0	47	60·4	− 0·6	57·4	− 0·2
Phœnix Park	§	4·2	− 0·9	27	0	44	—	—	—	—
Dublin City...		—	—	—	0	45	—	—	—	—
Birr Castle	§	5·1	+0·7	32	0	38	—	—	—	—
Seskin ...		4·8	—	30	0	44	—	—	—	—
Cahirciveen (Valencia O.)	§	4·3	− 0·6	27	0	43	—	—	—	—
Ballinacurra	§	7·0	+1·8	44	—	—	—	—	—	—
St. Mary's	§	1·9	− 4·5	12	—	—	—	—	—	—
Grange	§	7·3	0·0	47	0	52	66·2	+2·6	63·0	+2·2
St. Heliers	§	5·8	− 1·3	37	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, July 26th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	h.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	—	0	64	92	12	0	330	23	10	20	10	30	13	20	9	35
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	71	82	15	0	290	21	9	24	7	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	22	104	42	0	310	19	9	24	18	34	15	24	11	20
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	41	71	56	0	310	21	9	24	14	32	14	24	14	10
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	13	126	29	0	300	19	9	24	13	38	17	24	3	5
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	36	97	35	0	290	21	9	23	15	34	15	23	10	50
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	33	85	50	0	270	24	11	24	10	36	16	24	10	20
York, E.R. Spurn Head ...	67	41	‡	—	0	23 to 25	21	62	62	7	16	280	31	14	24	13	49	22	24	12	45
Lincoln Cranwell ...	280	43	31	—	0	24	1	60	(74)	(33)	0	270	25	11	24	13	35	16	24	13	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	49	80	39	0	100	21	9	21	4	38	17	24	15	45
Essex Shoeburyness...	103	90	‡	—	0	20, 21	2	50	79	37	0	—	27	12	20	24	37	16	24	14	45
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	13	103	52	0	270	15	7	24	15	30	13	24	15	50
Surrey Croydon ...	284	40	24	—	0	—	0	18	120	30	0	260	15	7	24	13	32	14	24	2	35
Kent Lympne ...	409	70	‡	—	0	—	0	41	98	28	1	70	17	8	20	23	30	13	24	16	25
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	34	116	18	0	280	19	9	24	16	34	15	24	16	0
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	24	1	55	87	25	0	280	25	11	24	12	40	18	24	13	25
Wiltshire Larkhill ...	513	63	43	—	0	24	5	60	(81)	(0)	22	250	27	12	24	15	35	16	24	14	10
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	24	1	23 to 26	36	69	46	16	0	270	39	17	24	13	51	23	24	13	40
Lancashire Southport ...	80	62	48	24	4	23 to 26	34	84	46	0	0	280	45	20	24	14	59	26	24	13	45
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	23, 24	14	98	51	5	0	270 / 280	29	13	24	9 / 15	41	18	24	7	45
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	48	92	24	4	—	26	12	21	16	37	17	26	15	30
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	49	109	6	4	—	19	9	25	18	28	13	26	3	30
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	23, 24	21	72	58	17	0	270	35	16	24	12	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	25	3	70	53	16	26	—	25	11	25	21	35	16	25	20	40
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	—	0	73	81	14	0	260	22	10	23	13	33	15	23	13	0
Cork Weaver Pt. ...	160	30	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	22 to 26	16	109	33	10	0	290	29	13	25	20	40	18	25	19	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	7	8	3·5	3	6	2·7	4	4	1·9	6	3	1·3	2	10	4·5	3	5	2·3	9	7	3·1	7	4	1·9
North	16	10	4·4	13	4	1·7	12	6	2·6	14	4	1·6	22	8	3·5	22	9	3·8	10	10	4·5	19	8	3·6
West	19	8	3·6	13	11	5·1	13	7	3·3	12	9	3·8	18	13	5·7	23	15	6·5	15	15	6·9	19	10	4·5
East	4	3	1·3	7	4	2·0	7	11	4·9	7	7	3·3	9	9	4·0	4	4	2·0	9	5	2·2	6	6	2·5
Calm (or wind-speed < 4 m.p.h.)	3	—	—	7	—	—	8	—	—	8	—	—	1	—	—	1	—	—	4	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 31st July, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:—IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH; or through any Bookseller.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-FIRST WEEK of 1924—July 27th to August 2nd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	66	43	60·7	50·7	55·4	− 0·1	94	0	0	0	5	0	0·87	22	0	4·6	+1·0	28	1006
Eastern.																			
1. SCOTLAND, EAST ...	70	42	61·6	50·3	55·6	− 1·4	95	− 9	0	0	6	+ 2	1·38	35	+20	3·0	− 2·0	19	1006
2. ENGLAND, N.E. ...	71	45	63·4	53·0	57·8	− 1·5	111	− 10	0	0	6	+ 3	1·35	34	+21	2·8	− 3·1	18	1007
3. ENGLAND, EAST ...	72	44	66·4	53·5	59·5	− 1·4	123	− 9	0	0	5	+ 2	1·23	31	+21	4·1	− 2·5	27	1009
4. MIDLAND COUNTIES	72	40	65·7	51·8	58·3	− 1·7	114	− 12	0	0	5	+ 2	1·52	39	+26	3·3	− 2·6	21	1007
5. ENGLAND, S.E. ...	73	40	66·4	52·8	59·1	− 2·5	120	− 17	0	0	5	+ 2	1·38	35	+25	6·0	− 1·0	39	1009
Western.																			
6. SCOTLAND, WEST[1] ...	68	38	62·0	51·7	56·5	− 1·1	101	− 7	0	0	6	+ 2	1·59	40	+19	3·0	− 2·1	19	1006
7. ENGLAND, N.W.[2] ...	69	42	63·3	53·8	58·2	− 0·9	113	− 7	0	0	5	+ 1	1·62	41	+21	3·3	− 2·5	21	1007
8. ENGLAND, S.W.[3] ...	72	40	64·4	53·4	58·5	− 1·4	115	− 10	0	0	4	+ 1	1·74	44	+27	4·5	− 2·0	29	1008
9. IRELAND, NORTH ...	68	44	62·3	53·2	57·5	0·0	109	− 1	0	0	6	+ 1	1·44	37	+17	3·0	− 1·3	19	1005
10. IRELAND, SOUTH ...	70	50	64·7	54·6	59·3	0·0	121	0	0	0	6	+ 2	1·05	27	+ 7	3·9	− 1·2	25	1007
11. CHANNEL ISLANDS[4]	67	52	64·1	55·8	59·7	− 2·0	124	− 14	0	0	4	+ 1	1·03	26	+14	6·9	− 1·4	46	1011
MEAN: DISTRICTS 1-10	73	38	64·0	52·8	58·0	− 1·2	112	− 8	0	0	5	+ 2	1·43	36	+20	3·7	− 2·0	24	1007

THE SEASON (Summer).—Aggregates, &c., for the Period of 9 Weeks, June 1st to August 2nd, 1924.

0. SCOTLAND, NORTH...	81	31	59·3	48·1	53·3	− 0·5	714	− 37	4	+ 3	43	+ 6	8·73	222	+60	5·0	+ 0·5	28	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·4	47·7	54·1	− 1·3	767	− 76	6	+ 5	43	+10	6·61	168	+35	5·1	− 0·4	30	1010
2. ENGLAND, N.E. ...	87	32	64·9	50·3	57·1	− 0·2	950	− 8	0	0	34	+ 6	5·41	137	+18	5·8	− 0·2	35	1013
3. ENGLAND, EAST ...	87	35	67·8	52·2	59·4	+0·3	1098	+20	0	0	30	+ 2	5·03	127	+16	7·0	+ 0·3	43	1014
4. MIDLAND COUNTIES	87	33	66·4	50·2	57·8	− 0·8	994	− 51	0	0	32	+ 4	5·98	153	+33	5·6	− 0·4	35	1013
5. ENGLAND, S.E. ...	86	34	66·7	51·9	58·8	− 1·0	1060	− 59	0	0	28	+ 2	6·01	153	+48	7·4	+ 0·3	46	1015
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·7	49·5	55·2	− 1·1	831	− 76	0	0	43	+ 9	7·95	202	+34	4·7	− 1·0	28	1011
7. ENGLAND, N.W.[2] ...	85	33	62·8	51·5	56·8	− 0·9	930	− 57	0	0	38	+ 7	6·97	177	+31	5·0	− 1·1	30	1013
8. ENGLAND, S.W.[3] ...	84	33	63·6	51·8	57·3	− 1·2	963	− 76	0	0	31	+ 1	7·55	192	+50	5·5	− 1·1	34	1014
9. IRELAND, NORTH ...	73	38	61·4	50·7	55·7	− 0·7	860	− 46	0	0	48	+ 9	7·09	179	+23	3·6	− 1·4	22	1011
10. IRELAND, SOUTH ...	75	39	63·3	52·0	57·3	− 0·7	960	− 51	0	0	47	+14	7·98	203	+50	4·1	− 1·4	25	1013
11. CHANNEL ISLANDS[4]	83	46	63·8	54·0	58·6	− 1·1	1045	− 72	0	0	31	+ 2	4·34	110	+ 4	7·2	− 0·6	45	1016
MEAN: DISTRICTS 1-10	87	29	64·0	50·8	56·9	− 0·8	941	− 48	1	+ 1	37	+ 6	6·66	169	+34	5·4	− 0·6	33	1013

THE YEAR. Aggregates, &c., for the Period of 31 Weeks, December 30th, 1923, to August 2nd, 1924.

0. SCOTLAND, NORTH...	81	12	50·2	39·8	44·8	− 0·2	1058	−103	448	− 68	138	− 3	25·68	653	− 39	3·4	− 0·2	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	50·5	38·5	44·3	− 1·1	1101	−215	608	+24	134	+13	17·08	435	+ 9	3·6	− 0·6	27	1010
2. ENGLAND, N.E. ...	87	16	52·7	40·2	46·2	− 0·6	1430	− 63	516	+66	105	− 3	15·01	380	+39	4·1	− 0·5	31	1013
3. ENGLAND, EAST ...	87	18	54·5	41·5	47·7	− 0·1	1723	− 9	476	+ 9	105	− 1	15·51	392	+65	4·9	0·0	37	1014
4. MIDLAND COUNTIES	87	15	54·4	40·2	47·0	− 0·6	1596	−119	516	+22	108	+ 3	17·80	452	+84	4·0	− 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	54·8	42·0	48·2	− 0·7	1741	−107	398	+41	102	0	17·65	449	+95	5·2	+ 0·1	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	52·0	40·2	45·9	− 1·0	1290	−172	453	+63	131	+ 3	23·59	597	− 28	3·7	− 0·6	27	1011
7. ENGLAND, N.W.[2] ...	85	21	52·7	42·0	47·1	− 0·5	1479	−102	366	+ 6	122	+ 8	19·34	490	+25	4·0	− 0·5	30	1012
8. ENGLAND, S.W.[3] ...	84	14	53·8	42·6	48·0	− 0·8	1615	−140	309	+25	112	− 1	23·10	585	+79	4·4	− 0·4	33	1013
9. IRELAND, NORTH ...	73	18	52·9	42·1	47·3	− 0·3	1433	− 89	287	− 26	146	+ 6	21·53	546	+25	3·6	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	54·6	43·4	48·8	− 0·3	1695	− 91	226	− 16	137	+14	23·03	584	+35	3·7	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	55·0	46·3	50·5	− 0·4	1929	−102	88	− 12	117	− 1	18·09	461	+50	5·4	− 0·4	41	1014
MEAN: DISTRICTS 1-10	87	2	53·3	41·3	47·1	− 0·6	1510	−111	415	+21	120	+ 4	19·36	491	+43	4·1	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Moderate	Moderate	Deficient	Moderate	Moderate	Moderate	Moderate	Moderate	Deficient
	Rainfall ..	Moderate	Very Heavy	Heavy	Heavy	Very Heavy	Very Heavy	Heavy	Heavy	Very Heavy	Heavy	Moderate	Heavy
	Sunshine ..	Abundant	Scanty	Scanty	Scanty	Scanty	Moderate	Very Scanty	Scanty	Scanty	Scanty	Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 9 weeks from June 1st, 1924	Warmth ..	2, 5, 2	0, 6, 3	2, 4, 3	3, 4, 2	1, 5, 3	0, 4, 5	0, 6, 3	0, 6, 3	0, 5, 4	0, 7, 2	0, 8, 1	0, 5, 4
	Rainfall ..	4, 3, 2	3, 5, 1	4, 3, 2	4, 3, 2	5, 2, 2	5, 2, 2	3, 5, 1	4, 3, 2	5, 2, 2	3, 5, 1	4, 4, 1	4, 2, 3
	Sunshine ..	6, 1, 2	1, 5, 3	2, 3, 4	4, 2, 3	2, 3, 4	4, 3, 2	0, 2, 7	1, 3, 5	1, 4 4	0, 3, 6	0, 3, 6	2, 3, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was again of a very unsettled character. There were bright intervals but rain fell on several days and thunderstorms occurred in many parts of the country. On the afternoon of July 29th, London was the centre of a severe storm similar to that which was experienced on the previous Tuesday. The rainfall during this storm varied considerably. At South Kensington the amount was only about 3 mm., while in some parts of London the rain was torrential, the measurement at the evening observation at Hampstead being 54 mm., while Camden Square had 36 mm., and Greenwich 34 mm. Among the largest rainfall values which occurred in other parts of the country during the week were :—64 mm. at Douglas (Isle of Man), 46 mm. at Hawarden Bridge (Flint), 41 mm. at Cockle Park (Northumberland) and 37 mm. at Shotwick (Chester), on July 28th. The total amount of rainfall for the week was in excess of the normal in all Districts, with the exception of Scotland N. where it was exactly normal. Maximum temperatures of 70°F. and above were recorded in several parts of our Islands, the highest reading, 75°F., being registered at South Farnborough on July 30th. The lowest temperatures of the week occurred on July 27th in most places, and at Eskdalemuir a screen minimum temperature of 37°F. was recorded, and on the same date a grass temperature of 30°F. was registered at Rhayader (Radnor). The mean temperature for the week was below the normal in nearly all parts of our Islands. Several fairly good records of sunshine were obtained on various dates, among the largest amounts being 14·7 hrs. at Stornoway on July 28th and 14·2 hrs. at Guernsey on August 2nd. The total amount of sunshine for the week was below the normal in practically all parts of the country. Solar halos were observed at Birmingham, South Farnborough and Stonyhurst on July 27th, at Clacton on August 1st, at Greenwich on August 2nd and at Oxford on July 27th and 31st and August 1st and 2nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
0. SCOTLAND, N.																									
Shetlands	Lerwick ¶	54	t	60	2nd	50	28, 29	57·9	52·0	54·7	+1·5	4	0·48	12	− 4	Lerwick ...	0·8	—	5	—	—	—	—	—	—
Orkneys	Deerness	160	p	62	31st	48	27th	58·6	51·1	54·6	+0·6	4	0·29	7	− 9	Deerness §	4·0	+0·2	24	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	63	28th	45	28th	60·4	51·4	55·6	+0·6	4	0·55	14	− 7	Stornoway §	6·4	+2·4	40	—	—	—	—	—	—
	Castlebay	37	t	62	28, 29	50	27th	59·0	54·0	56·3	—	6	0·69	18	—	Castlebay ...	3·9	—	24	—	—	—	—	—	—
Caithness	Wick ... ¶	81	t	65	31st	47	27th	58·7	51·4	54·8	− 0·1	5	0·73	19	+ 3										
Ross and Cromarty	Strathpeffer ¶	125	a	65	31st	44	27, 28	62·1	49·1	55·2	− 1·7	5	0·54	14	− 1										
	Achnashellach ¶	225	h	65	27th	43	27th	61·7	50·4	55·7	—	5	0·48	12	—	Achnashellach	—	—	—	0	32	—	—	—	—
Inverness	Inverness	242	h	63	1st	45	28th	60·1	50·3	54·9	—	5	1·25	32	—	Inverness §	3·4	—	21	0	38	—	—	—	—
	Fort Augustus ¶	68	a	66	27th	44	27th	62·1	49·3	55·3	− 1·5	5	1·43	36	+17										
	Onich ... ¶	48	h	66	2nd	44	27th	62·0	51·4	56·3	—	5	1·88	48	—	Onich ...	2·7	—	17	0	36	—	—	—	—
1. SCOTLAND, E.																									
Nairn	Nairn ... ¶	82	t	68	31st	45	28th	62·3	50·4	55·9	− 1·1	6	1·11	28	+15	Nairn §	4·6	—	28	—	—	—	—	—	—
Elgin	Gordon Castle ¶	101	p	70	31st	48	28th	64·0	50·9	57·0	− 0·1	5	0·85	22	+ 6	Gordon Castle	4·4	—	27	—	—	—	—	—	—
Aberdeen	Aberdeen ... ¶	46	t	69	31st	51	27, 28	61·1	53·4	57·0	—	5	0·92	23	+ 9	Aberdeen §	3·2	− 1·9	20	0	44	—	—	53·6	− 0·3
	Balmoral ... ¶	930	a	65	31st	44	27th	59·4	46·6	52·6	− 1·9	7	1·04	26	+11	Balmoral ...	—	—	—	0	39	—	—	—	—
Perth	Crieff ... ¶	478	p	67	2nd	44	27th	62·0	49·4	55·3	− 2·8	5	1·70	43	+24	(Kinc.)Crathes §	2·9	− 2·0	18	0	46	57·1	—	52·3	—
Forfar	Dundee	147	a	69	31, 2	49	27th	62·4	51·6	56·6	—	7	2·42	61	—	Dundee §	1·8	—	11	0	45	58·6	—	—	—
Fife	Inchkeith ... ¶	190	t	63	27, 31	48	27th	59·0	52·4	55·5	—	6	0·95	24	—	Inchkeith ...	3.3	—	21	0	45	—	—	—	—
Midlothian	Edinburgh ...	441	p	66	2nd	46	27th	61·7	51·6	56·3	− 1·0	7	1·40	35	+21	Edinburgh §	3·2	− 2·0	20	0	41	—	—	—	—
Peebles	West Linton ¶	770	a	66	1st	42	31st	62·3	49·7	55·6	+0·8	7	0·84	21	—	West Linton...	—	—	—	0	38	—	—	—	—
Berwick	Marchmont ¶	498	a	67	1, 2	47	27, 28	62·6	50·0	55·9	− 1·0	7	3·63	92	+76	Marchmont §	2·3	− 2·9	14	—	—	—	—	—	—
6a. SCOTLAND, W.																									
Argyle	Ford ... ¶	149	a	64	29th	38	27th	61·6	49·7	55·2	—	7	2·08	53	—	Ford ...	—	—	—	0	36	58·4	—	55·5	—
Renfrew	Renfrew ... ¶	36	t	67	2nd	40	27th	62·3	51·3	56·4	—	6	1·01	26	—	Renfrew ...	2·9	—	18	0	32	—	—	—	—
Bute	Rothesay ... ¶	200	p	62	30-2	47	27th	60·0	51·1	55·2	− 2·4	7	2·29	58	+34	Rothesay §	2·7	− 2·3	17	0	41	57·4	—	55·0	− 0·7
Ayr	Kilmarnock ¶	90	a	68	29th	42	27th	64·3	52·1	57·8	+1·0	5	0·69	17	− 2	Kilmarnock ...	2·2	—	14	—	—	57·8	—	54·8	—
	Colmonell... ¶	170	a	68	29th	49	27th	63·4	52·4	57·5	+0·9	7	1·03	26	+ 7	Colmonell ...	—	—	—	0	46	—	—	—	—
Dumfries	Dumfries ... ¶	140	p	65	2nd	43	27th	61·1	52·3	56·4	− 2·2	5	0·74	19	0	Dumfries ...	3·2	—	20	0	36	58·6	− 2·1	55·9	− 2·3
	Eskdalemuir ...	794	t	65	2nd	37	27th	59·6	49·3	54·1	—	7	1·48	38	—	Eskdalemuir §	2·9	− 1·6	18	0	33	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 8 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	66	29th	46	27th	61·3	53·3	57·0	− 0·6	7	3·31	84	+65	Douglas §	3.6	− 2·6	23	0	42	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	66	31, 1	45	27th	61·3	51·3	56·0	− 0.7	7	2·41	61	+48	Cockle Park §	2·2	− 3·4	14	0	43	55·7	− 2·6	54·1	− 1·5
	Tynemouth ¶	118	t	65	31st	50	27th	60·3	53·7	56·8	− 1·4	7	1·17	30	+17	Tynemouth ...	—	—	—	0	47	—	—	—	—
Durham	Durham ... ¶	336	p	67	31st	47	27th	61·9	51·6	56·4	− 2·2	6	1·13	29	+16	Durham §	1·8	− 3·5	11	0	38	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	68	30th	48	27th	63·0	52·6	57·4	− 0·6	6	1·36	35	+21	Rounton ...	—	—	—	0	38	58·6	—	—	—
	West Witton ...	605	a	66	30th	46	27th	62·3	51·9	56·7	—	6	1·98	50	—	West Witton	—	—	—	0	43	57·2	—	53·8	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—	Scarborough †§	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	70	30th	51	27th	65·2	54·2	59·3	− 1·1	5	1·27	32	+20	York §	2.8	− 2·7	18	—	—	59·3	− 0.8	56·3	− 0·7
E. Riding	Spurn Head ¶	26	t	68	31st	53	27th	63·3	55·3	59·0	− 1·3	6	1·17	30	+20	Spurn Head...	2.5	—	16	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	71	31st	47	27th	66·3	53·1	59·2	− 1·8	3	1·09	28	+16	Lincoln ...	—	—	—	0	45	60·1	− 1·5	57·7	+0·1
	Cranwell ... ¶	236	t	70	29, 31	46	27th	66·0	51·9	58·5	− 2·3	5	1·23	31	+18	Cranwell §	3·9	− 2·7	25	0	42	—	—	—	—
																Skegness §	3·1	− 3·8	20	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	69	31st	52	27, 1	64·8	54·1	59·1	− 1·2	5	1·35	34	+25	Cromer §	2·7	− 4·0	17	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	71	31st	51	27th	65·9	55·1	60·1	− 0·5	4	0·82	21	+10	Yarmouth §	3·1	—	20	0	49	63·3	− 0·1	60·0	− 0·1
	Norwich ... ¶	93	a	71	29, 31	52	27th	66·7	54·9	60·4	− 0·6	5	1·32	34	+23	Norwich ...	2·5	—	16	0	47	62·2	—	—	—
	Geldeston ... ¶	37	a	72	30, 31	51	27th	66·9	54·3	60·2	− 0·5	4	1·22	31	+21	Geldeston §	3·4	− 3·3	22	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	70	29,30,31	44	27th	67·3	50·7	58·4	− 3·0	6	2·24	57	+47	Cambridge §	4·1	− 2·6	27	0	38	61·7	− 1·2	59·9	+0·3
Hertford	Rothamsted ¶	420	a	69	30th	47	27th	65·6	50·9	57·7	− 2·6	5	1·13	29	+18	Rothamsted §	4·8	− 1·8	31	0	40	59·3	—	—	—
Middlesex	Tottenham ¶	51	p	70	30, 31	50	27th	67·0	53·9	60·0	—	4	1·19	30	—	Tottenham §	4·2	—	28	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	71	31st	49	27th	67·0	54·3	60·2	− 1·2	3	0·58	15	+ 6	Clacton-on-Sea§	6·7	− 0·8	43	0	46	61·7	+0·1	59·9	0·0
	Southend	90	h	72	31st	48	27th	68·4	54·3	60·9	—	5	0·70	18	—	Southend ...	6·4	—	42	0	47	62·3	—	—	—
4. MIDLAND COUNTIES.																									
York, W. Riding	Harrogate ¶	479	t	67	30th	45	27th	62·3	52·0	56·8	− 1·4	5	2·08	53	+38	Harrogate §	2·6	− 3·1	17	0	41	57·1	− 0·8	55·4	− 0.8
	Sheffield	429	p	67	31st	49	27th	63·3	53·7	58·2	—	5	1·06	27	+14	Sheffield §	2·8	− 2·9	18	0	46	58·2	− 1·2	55·9	+0·5
Derby	Buxton	987	p	64	29, 30	48	27th	62·0	51·4	56·3	− 0·6	6	1·56	40	+18	Buxton ...	2·9	—	19	0	49	57·7	− 1·2	55·2	+0·3
Nottingham	Worksop(Hods'ck)¶	56	a	72	29th	47	27th	67·9	52·4	59·6	− 0·4	5	1·07	27	+15	Worksop §	2·3	− 2·8	15	0	38	59·6	—	56·9	—
	Nottingham ¶	192	a	69	29, 31	45	27th	65·7	52·3	58·5	− 1·5	4	1·32	34	+22	Nottingham §	2·8	− 3·0	18	0	44	59·8	− 1·3	58·5	0·0
Warwick	Birmingham (Edg)¶	525	t	70	30th	47	27th	65·1	51·9	58·0	− 2·1	6	2·11	54	+41	Birmingham §	3·5	− 1·4	23	0	42	55·4	− 0·9	52·3	− 0·8
Northampton	Oundle ... ¶	147	a	69	29,30,31	47	27th	66·4	51·0	58·2	—	4	0·87	22	—	Oundle ...	3·4	—	22	0	43	61·6	—	58·0	—
Oxford	Oxford ... ¶	208	p	71	30th	45	27th	66·7	51·9	58·8	− 2·6	5	1·23	31	+19	Oxford §	4·2	− 2·3	27	0	38	—	—	—	—
Stafford	Cheadle ... ¶	646	a	67	29,30,31	48	27th	64·0	51·9	57.5	− 1·0	5	1·78	45	+28	Cheadle ...	—	—	—	0	48	—	—	—	—
Worcester	Tenbury ... ¶	313	p	71	30th	40	27th	66·7	50·0	57·8	− 1·8	4	1·62	41	+28	Tenbury ...	—	—	—	0	35	59·4	—	—	—
	Malvern	377	h	70	30th	49	27th	65·4	52·7	58·6	—	4	1·75	45	—	Malvern ...	4.8	—	31	0	45	60·7	—	59·0	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—	Ross on Wye§	3·4	—	22	0	39	61·0	—	59·0	—
Gloucester	Clifton ... ¶	225	a	69	27,29,30	47	27th	66·6	52·7	59·2	− 3·3	3	1·64	42	+25	Clifton §	4·4	− 2·4	29	0	48	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	71	30th	49	27th	67·0	54·0	60·1	− 2·7	5	1·32	33	+23	Westminster	4·0	− 1·9	26	—	—	—	—	—	—
	Greenwich ‡ ...	149	a	73	27,29,31	47	27th	70·6	51·6	60·4	− 2·5	5	2·07	53	+43	Greenwich ...	3·9	− 2·7	25	0	35	—	—	—	—
	Hampstead ...	450	a	69	30, 31	47	27th	65·7	52·0	58·4	—	5	3·26	83	—	Hampstead ...	3·7	—	24	0	38	—	—	—	—
	Camden Square ...	110	a	73	31st	48	27th	68·0	53·1	60·0	− 3·5	5	2·40	61	+51	Camden Square	—	—	—	0	43	60·5	—	58·9	—
Surrey	Richmond (KewO)¶	18	t	71	30th	49	27th	67·3	53·5	59·9	− 2·2	6	1·36	35	+25	Richmond § (Kew Obs.)	3.9	− 2·6	25	0	41	61·3	− 1·0	59·0	+0·7
	Wisley ... ¶	150	a	72	30th	45	27th	67·4	51·4	58·8	− 2·4	6	1·00	25	+16	Wisley §	4·5	− 2·2	29	0	35	62·2	− 0·5	59·0	− 0·3
Kent	Tunbridge Wells ¶	354	h	73	30th	43	27th	67·3	51·3	58·7	− 2·3	5	1·10	28	+19	Tunbridge W'ls§	5·5	− 1·5	36	0	37	61·8	—	60·0	—
	Margate ... ¶	51	h	70	30, 31	52	27th	67·1	55·0	60·6	− 1·7	5	0·82	21	+12	Margate §	7·5	+0·9	49	0	49	64·1	+0·7	63·5	+3·0
	Dungeness ¶	21	t	68	2nd	47	27th	65·1	54·6	59·5	− 1·9	4	0·96	25	+17	Folkestone §	7·0	—	46	0	44	—	—	59·7	—
Sussex	St. Leonards ¶	178	h	69	30th	50	27th	65·6	54·6	59·7	− 1·9	4	1·18	30	+20	St. Leonards §	7·5	0·0	49	0	45	64·0	—	60·9	—
	Worthing	36	h	70	30th	48	27th	66·2	54·4	59·9	—	4	1·08	27	—	Worthing §	7·3	− 0·2	48	0	45	63·5	− 0·5	60·2	0·0
I. of Wight	Ventnor ... ¶	59	a	67	30th	54	29th	64·4	56·1	60·0	− 2·2	3	0·99	25	+16	Ventnor §	7·9	+0·7	52	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	73	30th	48	27th	67·3	53·3	59·8	− 2·9	5	2·16	55	+44	Southampton§	5·3	− 1·8	35	0	47	—	—	—	—
Wiltshire	Marlborough ¶	424	a	70	30th	40	27th	65·3	49·3	56·7	− 2·4	5	2·13	54	+43	Marlborough§	3·6	− 2·4	24	0	39	60·2	—	57·4	—
	Porton ¶	363	a	73	30th	42	27th	67·0	49·0	57·4	—	4	2·07	53	—	Porton ...	5·2	—	34	0	35	60·2	—	—	—
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e)¶	487	p	63	30, 2	45	27th	61·1	52·3	56·4	− 1·6	5	0·55	14	− 10	Aspatria §	2·8	− 2·9	18	0	45	56·8	− 2·7	53·5	− 1·8
	Newton Rigg ¶	559	p	65	31st	42	27th	62·3	50·4	55·9	− 1·7	6	1·04	26	+ 7	Newton Rigg§	3·0	− 2·6	19	0	36	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	65	31st	48	27th	62·3	53·0	57·3	− 1·0	6	1·74	44	+17	Stonyhurst §	3·2	− 2.3	20	0	41	—	—	—	—
	Blackpool ¶	66	h	69	29th	53	27,28,30	64·1	55·3	59·4	+0·2	5	1·76	45	+25	Blackpool §	3·8	− 2·8	24	0	45	60·4	—	56·5	—
	Southport ¶	37	h	69	29th	52	27, 30	63·9	54·9	59·1	− 0·3	6	1·58	40	+21	Southport §	3·7	− 2·7	24	0	47	62·6	− 1·1	60·9	− 0·1
Manchester	Whitworth Pk. ¶	125	p	67	31st	46	27th	64·1	54·0	58·7	− 1·7	6	1·25	32	+12	Whitworth Pk.	2·2	− 2·6	14	—	—	—	—	—	—
																Oldham Road	1·9	− 2·5	12	0	42	59·7	− 1·7	58·8	− 0·5
Cheshire	Liverp'l (Bidston) ¶	189	a	67	31st	52	27th	63·1	55·3	58·9	− 1·0	5	2·08	53	+36	Bidston ...	3·0	—	19	0	46	—	—	—	—
																(Ches.)Hoylake§	3·5	− 2·6	22	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	68	29, 31	50	27th	65·3	55·1	59·8	− 0·8	6	2·69	68	+53										
Carnarvon	Llandudno ¶	22	h	67	1st	47	27th	64·7	54·4	59·2	− 1·0	4	2·39	61	+45	Llandudno §	3·9	− 2·5	25	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	64	29, 30	49	27th	62·6	54·6	58·3	− 0·6	6	1·14	29	+12	Holyhead ...	3·4	—	21	0	46	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	59	h	66	31st	48	27th	63·9	54·7	59·0	—	5	1·62	41	—	Aberystwyth§	3·0	− 2·9	19	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	64	29th	54	27th	61·0	55·6	58·1	− 0·8	4	0·87	22	+ 7	St. Ann's Hd.§	4·5	− 2·1	30	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	67	29th	40	27th	62·1	50·3	55·8	—	5	1·78	45	—	Rhayader §	3·4	—	22	1	30	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	70	29th	48	27th	65.4	53·3	58·9	− 1·3	6	2·61	66	+46	Cardiff ...	5·9	—	38	0	41	61·0	− 1·1	57·9	− 0 7
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	71	30th	45	27th	67·4	52·1	59·2	− 1·7	4	1·54	39	+25	Bath ... §	4·2	− 2·6	27	—	—	61·8	—	60·0	—
Dorset	Shaftesbury ¶	722	a	69	30th	46	27th	64·3	51·7	57·6	− 2·1	5	2·01	51	+36	Shaftesbury...	—	—	—	—	—	—	—	57·8	—
	Portland Bill ¶	19	t	65	30th	54	27,29, 2	62·9	56·9	59·7	− 1·0	3	1·11	28	+18	Weymouth ...	6·4	—	42	—	—	—	—	—	—
Devon	Arlington ¶	613	a	65	29, 31	44	27th	62·6	51·7	56·8	− 1·8	6	3·04	77	+52	Arlington ...	—	—	—	0	43	—	—	—	—
	Cullompton ¶	202	a	72	30th	44	27th	67·9	52·9	59·9	− 0·5	5	1·49	38	+22	Cullompton §	4·2	− 2·0	28	0	39	61·9	—	—	—
	Plymouth ¶	116	p	70	30th	49	27th	64·7	54·4	59·2	− 1·8	3	1·31	33	+17	Plymouth §	4·7	− 2·1	31	0	43	60·6	− 3·6	58·0	—
Cornwall	Newquay ... ¶	190	h	66	27th	50	27th	63·2	55·7	59·2	− 1·1	4	1·63	41	+28	Newquay §	5·8	− 1·1	38	—	—	61·0	—	58·0	—
	Falmouth ¶	167	h	68	30th	52	29th	65·6	55·1	60·0	− 0·4	3	1·60	41	+24	Falmouth §	5·8	− 1·5	38	0	48	64·1	—	61·4	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	63	31st	49	27th	59·7	53·1	56·2	− 0·7	6	1·16	29	+11	Malin Head...	2·7	—	17	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	63	30, 31	53	30th	61·4	55·0	58·0	+0·1	6	1·27	32	+10										
	Mallarany ...	120	a	67	29th	52	30th	63·7	54·6	58·8	—	6	3·68	93	—	Mallarany ...	4·7	—	30	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	68	31st	50	27, 30	64·3	52·6	58·0	+1·0	6	1·86	47	+25	MarkreeC'stle§	3·8	− 0·5	24	0	44	60·9	0·0	56·5	− 0·1
Armagh	Armagh ... ¶	204	p	67	1st	45	27th	63·3	52·4	57·5	− 0·2	7	2·31	59	+41	Armagh §	2·2	− 2·1	14	0	39	58·9	− 2·0	56·2	− 1.1
Down	Donaghadee ¶	35	t	65	1st	44	27th	61·0	52·4	56·4	− 1·2	6	1·30	33	+16										
																Trinity Coll.	—	—	—	—	—	—	—	—	—
10. IRELAND, S.																									
Dublin	Dublin City ¶	54	p	68	31st	50	27th	65·4	54·0	59·3	− 0·9	6	1·54	39	+23	Phœnix Park §	3·9	− 1·3	25	0	42	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	67	2nd	51	2nd	64·3	53·6	58·6	0·0	6	0·76	19	0	Dublin City ...	—	—	—	0	48	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	68	2nd	50	2nd	66·4	54·6	60·1	+1·1	5	1·15	29	+11	Birr Castle §	2·7	− 1·9	18	0	43	—	—	—	—
Waterford	Waterford ¶	137	a	70	2nd	52	2nd	66·0	54·9	60·1	+0·6	6	1·06	27	+ 7										
	Seskin, Carrick-on-Suir	542	p	67	30, 2	50	2nd	64·6	52·1	57·9	—	6	0·85	21	—	Seskin ...	4·3	—	28	0	49	—	—	—	—
Limerick	Foynes ... ¶	50	a	65	27, 28	54	30, 2	63·9	54·9	59.1	0·0	6	0·85	22	+ 2										
Kerry	Cahirciveen ¶	30	t	63	29th	54	30th	61·4	55·6	58·3	− 0·9	5	1·37	35	+11	Cahirciveen	4·3	− 0·7	28	0	47	—	—	—	—
	Killarney ¶	174	a	67	27,28,31	52	29th	66·7	54·3	60·1	+0·6	6	0 69	18	− 4	(Valencia O.)§									
Cork	Roche's Point ¶	32	t	66	2nd	52	30th	63·1	54·9	58·7	− 0·7	5	0·98	25	+ 6	Ballinacurra §	4·4	− 0·8	29	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	64	30, 31, 1	53	29th	63·0	54·9	58·7	− 2·1	5	0·91	23	+10	St. Mary's §	6·3	− 1·4	41	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	67	31st	52	27th	64·6	55·0	59·5	− 2·7	4	1·28	33	+22	Grange §	8·0	− 0·9	53	0	45	64·4	+0·5	62·5	+1·2
Jersey	St. Heliers ¶	28	h	66	31,1,2	54	27th	64·6	57·4	60·8	− 1·9	4	0·91	23	+11	St. Heliers §	6.4	− 2·1	43	—	—	—	—	—	

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, August 2nd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	—	0	9	78	81	0	70	18	8	28	17	25	11	28	16	50
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	22	131	15	0	100	17	7	28	12	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	36	114	18	0	100	17	8	28	15	26	12	2	16	5
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	45	77	46	0	210	19	9	1	13	32	14	1	16	35
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	54	82	32	0	70	22	10	28	21	43	19	28	18	35
Dumfries Eskdalemuir ...	825	50	22	—	0	1	3	77	66	22	0	200	26	11	1	14	40	18	1	13	5
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	28	6	43	80	39	0	100	26	12	28	20	33	15	28	23	45
York, E.R. Spurn Head ...	67	41	‡	—	0	28 to 2	20	56	77	15	0	130	29	13	28	18	36	16	28	17	40
Lincoln Cranwell ...	280	43	31	—	0	—	0	55	(66)	(47)	0	250	23	10	2	14	31	14	2	14	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	28, 29	14	10	86	58	0	160	29	13	28	11	38	17	28	16	25
Essex Shoeburyness...	103	90	‡	—	0	28	5	48	94	21	0	—	27	12	28	16	35	16	2	17	10
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	6	121	41	0	160	14	6	28	15	31	14	2	12	45
Surrey Croydon ...	284	40	24	—	0	—	0	11	131	26	0	160	16	7	28	11	37	17	2	13	10
Kent Lympne ...	409	70	‡	—	0	—	0	37	121	10	0	150	20	9	28	20	32	14	2	14	45
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	21	140	7	0	190	18	8	28	13	34	15	28	12	35
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	77	84	7	0	170	23	10	28	14	36	16	28	14	15
Wiltshire Larkhill ...	513	63	43	—	0	—	0	44	(111)	(2)	11	150	22	10	28	9	30	13	28	8	55
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	2	13	73	60	22	0	300	31	14	2	7	39	17	2	6	50
Lancashire Southport ...	80	62	48	—	0	2	18	73	68	9	0	300	30	13	2	7	37	17	2	7	20
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	2	3	84	69	12	0	280, 280, 290	25	11	2, 3, 5		39	17	1	11	30
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	28	2	53	79	34	0	—	29	13	28	5	37	17	28	4	45
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	49	92	21	6	210	24	11	28	3	30	13	28	3	35
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	1	1	84	73	10	0	260	24	11	1	23	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	—	0	81	28	21	38	—	22	10	31	10	34	15	1	3	15
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	—	0	85	77	6	0	230	22	10	31	14	37	17	1	2	15
Cork Weaver Pt. ...	160	30	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	—	0	105	62	1	0	280	23	10	1	24	33	15	1	14	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	14	5	2·4	13	7	3·2	13	10	4·4	16	6	2·5	17	11	4·7	9	10	4·6	18	8	3·5	16	8	3·5
North	8	5	2·1	7	4	1·8	4	2	0·9	5	3	1·2	6	6	2·7	13	6	2·5	5	9	4·1	10	7	2·9
West	7	3	1·5	14	9	4·2	14	4	2·0	17	5	2·3	20	9	4·0	25	10	4·6	17	11	4·8	21	9	4·2
East	18	7	3·1	7	8	3·5	4	7	3·1	5	4	1·7	5	6	2·6	0	—	—	6	5	2·4	3	2	1·0
Calm (or wind-speed < 4 m.p.h.)	3	—	—	7	—	—	9	—	—	5	—	—	2	—	—	0	—	—	3	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 2nd August, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

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ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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SUNDAY, AUGUST 3RD TO SATURDAY, AUGUST 9TH, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-SECOND WEEK of 1924—August 3rd to August 9th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	65	46	60·3	50·6	55·2	0·0	92	0	0	0	5	0	0·61	15	− 7	4·4	+0·8	28	1012
Eastern.																			
1. SCOTLAND, EAST ...	70	37	62·7	47·7	54·7	− 1·9	89	− 13	0	0	3	− 1	0·28	7	− 11	5·9	+1·1	38	1013
2. ENGLAND, N.E. ...	73	41	66·0	50·0	57·5	− 1·2	109	− 8	0	0	1	− 3	0·07	2	− 12	6·8	+1·3	44	1017
3. ENGLAND, EAST ...	76	44	68·2	52·8	60·1	− 0·5	127	− 3	0	0	2	− 1	0·20	5	− 7	6·8	+0·7	45	1019
4. MIDLAND COUNTIES	74	38	66·7	50·0	57·8	− 1·9	111	− 13	0	0	3	0	0·26	7	− 6	5·3	− 0·3	35	1019
5. ENGLAND, S.E. ...	76	40	67·6	52·5	59·6	− 1·9	123	− 13	0	0	2	− 1	0·38	10	0	6·4	− 0·2	43	1020
Western.																			
6. SCOTLAND, WEST[1] ...	71	42	62·6	49·7	55·8	− 1·5	97	− 10	0	0	4	0	0·49	12	− 11	5·4	+0·4	35	1016
7. ENGLAND, N.W.[2] ...	70	39	62·8	51·7	57·0	− 1·9	105	− 13	0	0	4	0	0·61	16	− 3	5·7	+0·3	38	1019
8. ENGLAND, S.W.[3] ...	72	36	64·3	51·8	57·7	− 2·3	110	− 16	0	0	3	− 1	0·52	13	− 3	5·4	− 0·8	36	1020
9. IRELAND, NORTH ...	70	43	63·2	51·5	57·0	− 0·5	105	− 3	0	0	4	0	0·47	12	− 11	3·5	− 0·8	23	1017
10. IRELAND, SOUTH ...	70	43	64·6	51·8	57·8	− 1·3	111	− 9	0	0	3	− 1	0·31	8	− 14	4·5	− 0·7	30	1021
11. CHANNEL ISLANDS[4]	69	52	64·5	55·3	59·6	− 2·4	123	− 17	0	0	2	− 1	0·20	5	− 9	6·8	− 1·2	46	1022
MEAN: DISTRICTS 1-10	76	36	64·9	50·9	57·5	− 1·5	109	− 10	0	0	3	− 1	0·36	9	− 8	5·6	+0·1	37	1018

THE SEASON (Summer).—Aggregates, &c., for the Period of 10 Weeks, June 1st to August 9th, 1924.

0. SCOTLAND, NORTH...	81	31	59·4	48·3	53·5	− 0·5	806	− 37	4	+ 3	48	+ 6	9·34	237	+53	4·9	+ 0·4	28	1010
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·5	47·7	54·1	− 1·4	856	− 89	6	+ 5	46	+ 9	6·89	175	+24	5·1	− 0·3	30	1010
2. ENGLAND, N.E. ...	87	32	65·0	50·3	57·1	− 0·3	1059	− 16	0	0	35	+ 3	5·48	139	+ 6	5·9	− 0·1	36	1013
3. ENGLAND, EAST ...	87	35	67·9	52·2	59·5	+0·2	1225	+17	0	0	32	+ 1	5·23	132	+ 9	7·0	+ 0·4	43	1015
4. MIDLAND COUNTIES	87	33	66·4	50·2	57·8	− 0·9	1105	− 64	0	0	35	+ 4	6·24	160	+27	5·6	− 0·4	35	1014
5. ENGLAND, S.E. ...	86	34	66·8	51·9	58·9	− 1·1	1183	− 72	0	0	30	+ 1	6·39	163	+48	7·3	+ 0·3	46	1015
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·8	49·6	55·3	− 1·1	928	− 86	0	0	47	+ 9	8·44	214	+23	4·8	− 0·9	28	1012
7. ENGLAND, N.W.[2] ...	85	33	62·8	51·5	56·8	− 1·0	1035	− 70	0	0	42	+ 7	7·58	193	+28	5·0	− 1·1	31	1013
8. ENGLAND, S.W.[3] ...	84	33	63·7	51·8	57·4	− 1·2	1073	− 92	0	0	34	0	8·07	205	+47	5·5	− 1·0	34	1015
9. IRELAND, NORTH ...	73	38	61·6	50·7	55·8	− 0·7	965	− 49	0	0	52	+ 9	7·56	191	+12	3·6	− 1·3	22	1011
10. IRELAND, SOUTH ...	75	39	63·4	52·0	57·3	− 0·8	1071	− 60	0	0	50	+13	8·29	211	+36	4·2	− 1·3	25	1014
11. CHANNEL ISLANDS[4]	83	46	63·9	54·1	58·7	− 1·3	1168	− 89	0	0	33	+ 1	4·54	115	− 5	7·2	− 0·6	45	1017
MEAN: DISTRICTS 1-10	87	29	64·1	50·8	57·0	− 0·8	1050	− 58	1	+ 1	40	+ 6	7·02	178	+26	5·4	− 0·6	33	1013

THE YEAR. Aggregates, &c., for the Period of 32 Weeks, December 30th, 1923, to August 9th, 1924.

0. SCOTLAND, NORTH...	81	12	50·5	40·2	45·1	− 0·2	1150	−103	448	− 68	143	− 3	26·29	668	− 46	3·5	− 0·1	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	50·9	38·8	44·6	− 1·1	1190	−228	608	+24	137	+12	17·36	442	− 2	3·6	− 0·6	27	1010
2. ENGLAND, N.E. ...	87	16	53·1	40·5	46·6	− 0·6	1539	− 71	516	+66	106	− 6	15·08	382	+27	4·2	− 0·4	31	1013
3. ENGLAND, EAST ...	87	18	54·9	41·9	48·1	− 0·1	1850	− 12	476	+ 9	107	− 2	15·71	397	+58	4·9	0·0	37	1014
4. MIDLAND COUNTIES	87	15	54·7	40·5	47·3	− 0·7	1707	−132	516	+22	111	+ 3	18·06	459	+78	4·0	− 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	55·2	42·4	48·5	− 0·8	1864	−120	398	+41	104	− 1	18·03	459	+95	5·2	+ 0·1	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	52·3	40·5	46·2	− 1·0	1387	−182	453	+63	135	+ 3	24·08	609	− 39	3·7	− 0·6	28	1012
7. ENGLAND, N.W.[2] ...	85	21	53·0	42·3	47·5	− 0·5	1584	−115	366	+ 6	126	+ 8	19·95	506	+22	4·1	− 0·4	30	1013
8. ENGLAND, S.W.[3] ...	84	14	54·2	42·9	48·3	− 0·8	1725	−156	309	+25	115	− 2	23·62	598	+76	4·4	− 0·5	34	1014
9. IRELAND, NORTH ...	73	18	53·2	42·3	47·6	− 0·3	1538	− 92	287	− 26	150	+ 6	22·00	558	+14	3·6	− 0·4	27	1011
10. IRELAND, SOUTH ...	75	21	54·9	43·6	49·1	− 0·3	1806	−100	226	− 16	140	+13	23·34	592	+21	3·8	− 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	55·3	46·6	50·8	− 0·5	2052	−119	88	− 12	119	− 2	18·29	466	+41	5·4	− 0·4	41	1014
MEAN: DISTRICTS 1-10	87	2	53·6	41·6	47·4	− 0·6	1619	−121	415	+21	123	+ 3	19·72	500	+35	4·1	− 0·4	31	1013
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Moderate	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient
	Rainfall ..	Light	Light	Very Light	Moderate	Light	Moderate	Light	Moderate	Moderate	Light	Light	Light
	Sunshine ..	Abundant	Abundant	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 10 weeks from June 1st, 1924	Warmth ..	2, 6, 2	0, 6, 4	2 5, 3	3, 5, 2	1, 6, 3	0, 4, 6	0, 7, 3	0, 7, 3	0, 5, 5	0, 8, 2	0, 9, 1	0, 5, 5
	Rainfall ..	4, 3, 3	3, 5, 2	4, 3 3	4, 4, 2	5, 2, 3	5, 3, 2	3, 5, 2	4, 4, 2	5, 3, 2	3, 5, 2	4, 4, 2	4, 2, 4
	Sunshine ..	7, 1, 2	2 5, 3	3, 3, 4	4, 3, 3	2, 4, 4	4, 4, 2	0, 3, 7	1, 4, 5	1, 5 4	0, 4, 6	0, 4, 6	2, 3, 5

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather during the first half of the week was rather unsettled and showers fell in most places. There was a decided improvement during the second half of the period when an anticyclone situated to the south-west of the British Isles moved north-eastward and the weather in most parts of the country became fine and dry, with good sunshine records. At several stations sunshine values of between 13 hrs. and 14 hrs. were registered. Maximum temperatures above 70°F. were recorded in many parts of our Islands on various days, and at a few places readings slightly above 75°F. were obtained. The night of the 4th to 5th was very warm in many parts of England and at some stations temperature did not fall below 60°F. The lowest night temperatures occurred during the latter part of the week over the country generally, and on the 9th at Rhayader (Radnor) a screen minimum temperature of 36°F. and a grass minimum temperature of 29°F. were recorded. The mean temperature for the week was above the normal at a few places in Scotland, but in England and Ireland it was below normal. Among the largest amounts of rainfall recorded during the week were 22mm. at Arlington (Devon) and 17mm. at St. Leonards on the 3rd and 29mm. at Stonyhurst, 18mm. at Lancaster and 17mm. at Manchester on the 4th. The total rainfall for the week over the country as a whole was below the normal and at a few stations, notably in the north-eastern parts of England, the week was rainless. Thunder was heard at Aberdeen and at Hull on the 5th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·1 hrs. at Cockle Park (Northumberland) to −1·7 hrs. at Birr Castle. Solar halos were observed at Birmingham and Ross-on-Wye on the 9th, at Aberdeen and Stonyhurst on the 3rd and 9th and at Oxford on the 3rd, 4th, 8th and 9th. A lunar halo was seen at Oxford on the 9th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	61	5th	48	8th	58·4	51·3	54·6	+1·6	4	0·24	6	− 9
Orkneys	Deerness	160	p	63	5th	47	7th	59·7	49·9	54·5	+0·7	5	0·48	12	− 3
Hebrides	Stornoway ¶	51	t	62	8, 9	46	3rd	59·7	50·1	54·6	− 0·2	7	0·55	14	− 6
	Castlebay	37	t	60	5th	53	3, 6, 8	58·3	53·7	55·9	—	5	0·31	8	—
Caithness	Wick ... ¶	81	t	65	9th	47	7th	60·0	50·1	55·2	+0·6	7	0·13	3	− 12
Ross and	Strathpeffer ¶	125	a	65	9th	47	3rd	62·4	49·9	55·8	− 0·7	5	0·43	11	− 3
Cromarty	Achnashellach ¶	225	h	61	8th	49	7th	59·3	51·3	55·1	—	6	1·63	41	—
Inverness	Inverness	242	h	63	8, 9	47	3rd	60·4	50·6	55·2	—	3	0·27	7	—
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	64	9th	49	8th	60·9	51·1	55·7	—	4	0·69	17	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	65	4, 9	43	3rd	62·7	49·9	55·9	− 0·7	5	0·35	9	− 5
Elgin	Gordon Castle ¶	101	p	67	9th	43	3rd	63·1	49·3	55·8	− 0·9	2	0·13	3	− 15
Aberdeen	Aberdeen ... ¶	46	t	70	9th	48	3, 7	64·9	49·7	56·8	—	3	0·31	8	− 8
	Balmoral ... ¶	930	a	66	9th	37	3rd	61·4	43·7	52·0	− 2·0	4	0·20	5	− 12
Perth	Crieff ... ¶	478	p	67	5th	44	3, 8	62·9	46·3	54·1	− 3·5	3	0·22	6	− 16
Forfar	Dundee	147	a	72	9th	46	4, 8	68·3	49·0	58·1	—	3	0·17	4	—
Fife	Inchkeith ... ¶	190	t	63	9th	48	8th	59·3	51·4	55·1	—	3	0·23	6	—
Midlothian	Edinburgh ...	441	p	66	9th	48	7, 8, 9	62·4	50·0	55·8	− 1·2	3	0·11	3	− 13
Peebles	West Linton ¶	770	a	65	9th	37	9th	63·3	45·0	53·6	− 0·7	5	0·57	14	—
Berwick	Marchmont ¶	498	a	66	5, 9	42	7th	63·6	46·7	54·6	− 1·9	2	0·22	6	− 12
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	65	9th	42	8th	61·7	48·0	54·4	—	4	0·73	19	—
Renfrew	Renfrew ... ¶	36	t	66	9th	43	8th	62·9	48·9	55·5	—	4	0·40	10	—
Bute	Rothesay ... ¶	200	p	65	9th	48	7th	61·6	49·9	55·4	− 2·0	5	0·63	16	− 10
Ayr	Kilmarnock ¶	90	a	71	4th	44	8th	65·0	49·9	57·0	+0·5	4	0·59	15	− 6
	Colmonell... ¶	170	a	67	9th	49	3rd	63·3	52·6	57·6	+1·2	3	0·33	8	− 13
Dumfries	Dumfries ... ¶	140	p	65	5, 9	42	8, 9	62·4	47·6	54·6	− 3·6	3	0·24	6	− 14
	Eskdalemuir ...	794	t	63	4th	38	8, 9	60·7	45·0	52·4	—	5	0·63	16	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	4·0	—	25	—	—	—	—	—	—
Deerness §	5·2	+1·4	33	—	—	—	—	—	—
Stornoway §	3·6	− 0·6	23	—	—	—	—	—	—
Castlebay ...	4·6	—	29	—	—	—	—	—	—
Achnashellach	—	—	—	0	40	—	—	—	—
Inverness §	4·4	—	28	0	42	—	—	—	—
Onich ...	3·1	—	20	0	42	—	—	—	—
Nairn §	4·9	—	31	—	—	—	—	—	—
Gordon Castle	3·9	—	25	—	—	—	—	—	—
Aberdeen §	6·0	+1·1	38	0	37	—	—	53·8	− 0·4
Balmoral ...	—	—	—	0	31	—	—	—	—
(Kinc.)Crathes §	5·6	+1·1	36	0	35	56·6	—	52·8	—
Dundee §	6·3	—	41	0	35	59·1	—	—	—
Inchkeith ...	6.8	—	44	0	46	—	—	—	—
Edinburgh §	6·2	+1·3	40	0	45	—	—	—	—
West Linton...	—	—	—	0	33	—	—	—	—
Marchmont §	6·3	+1·4	41	—	—	—	—	—	—
Ford ...	—	—	—	0	38	58·4	—	55·6	—
Renfrew ...	5·3	—	34	0	35	—	—	—	—
Rothesay §	5·8	+1·5	37	0	43	58·3	—	55·1	− 0·9
Kilmarnock ...	4·1	—	26	—	—	57·8	—	54·9	—
Colmonell ...	—	—	—	0	46	—	—	—	—
Dumfries ...	5·6	—	36	0	33	58·7	− 2·2	56·0	− 2·4
Eskdalemuir §	4·1	− 0·7	26	0	32	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
" " " " " " " " " 24 " " " " 21h

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	65	5th	48	7, 8	61·3	50·9	55·8	− 1·6	3	0·48	12	− 9
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	70	9th	43	7th	65·6	46·0	55·2	− 0·9	0	0·00	0	− 15
	Tynemouth ¶	118	t	69	5th	47	7th	63·7	51·0	57·0	− 0·7	1	0·01	0·2	− 15
Durham	Durham ¶	336	p	68	9th	41	9th	64·9	47·3	55·6	− 2·4	0	0·00	0	− 14
York,	Rounton ... ¶	249	p	70	9th	42	8th	66·0	47·4	56·1	− 1·3	1	0·01	0·2	− 15
N. Riding	West Witton ...	605	a	69	9th	42	9th	64·3	48·7	56·0	—	0	0·00	0	—
	Scarborough ¶	118	h	72	5th	49	7th	66·0	51·7	58·4	− 0·6	0	0.00	0	− 15
	York ... ¶	56	p	70	5th	44	9th	67·0	50·8	58·4	− 1·3	2	0·15	4	− 10
E. Riding	Spurn Head ¶	26	t	69	5th	51	8th	64·3	54·1	58·9	− 0·9	2	0·11	3	− 8
Lincoln	Lincoln ... ¶	58	a	73	9th	45	9th	68·9	51·4	59·6	− 0·7	2	0·18	5	− 8
	Cranwell ... ¶	236	t	72	5th	45	8, 9	67·6	50·1	58·3	− 1·9	3	0·14	3	− 11
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	73	5th	50	9th	66·9	53·6	59·9	− 0·2	4	0·18	5	− 6
	Yarmouth ... ¶	13	t	75	5th	45	8th	66·9	52·7	59·4	− 1·0	2	0·31	8	− 5
	Norwich ... ¶	93	a	74	5th	49	9th	69·3	53·4	60·9	+0·2	2	0·10	3	− 10
	Geldeston ... ¶	37	a	75	5th	47	8th	69·5	52·3	60·4	0·0	2	0·24	6	− 5
Cambridge	Cambridge ¶	41	p	76	5th	48	9th	69·7	52·6	60·6	− 0·4	1	0·04	1	− 11
Hertford	Rothamsted ¶	420	a	72	5th	44	9th	67·4	50·7	58·6	− 1·3	2	0·29	7	− 6
Middlesex	Tottenham ¶	51	p	75	5th	50	9th	68·7	54·1	61·0	—	2	0·31	8	—
Essex	Clacton-on-Sea ¶	55	t	75	5th	49	8th	67·4	53·3	59·9	− 1·3	1	0·13	3	− 7
	Southend	90	h	76	5th	51	3, 8	70·9	54·3	62·1	—	2	0·17	4	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	69	9th	43	7th	63·6	48·4	55·5	− 2·5	3	0·07	2	− 13
W. Riding	Sheffield	429	p	70	5, 9	46	9th	65·4	52·0	58·3	—	4	0·15	4	− 9
Derby	Buxton	987	p	67	9th	39	9th	62·0	48·1	54·6	− 2·0	4	0·85	22	+ 1
Nottingham	Worksop(Hods'ck)¶	56	a	74	9th	43	8, 9	70·4	49·4	59·3	− 0·4	2	0·09	2	− 10
	Nottingham ¶	192	a	72	5th	42	9th	67·3	49·9	58·1	− 1·5	3	0·14	4	− 8
Warwick	Birmingham (Edg)¶	525	t	70	5, 9	47	8, 9	64·7	51·0	57·4	− 2·4	3	0·39	10	− 3
Northampton	Oundle ... ¶	147	a	74	5th	42	9th	68·3	51·3	59·3	—	3	0·07	2	—
Oxford	Oxford ... ¶	208	p	71	5, 9	44	9th	67·3	50·4	58·3	− 2·8	2	0·33	8	− 4
Stafford	Cheadle ... ¶	646	a	71	5th	44	9th	65·4	49·6	57.0	− 1·2	4	0·30	8	− 9
Worcester	Tenbury ... ¶	313	p	71	5, 9	38	9th	67·0	47·3	56.6	− 2·6	2	0·51	13	− 1
	Malvern	377	h	69	5, 9	47	9th	65·3	53·0	58·8	—	3	0·61	15	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	71	9th	47	8th	66·1	52·4	58·8	− 3·4	4	0·48	12	− 5
5. ENGLAND, S.E.															
London	Westminster ...	27	a	74	5th	50	8, 9	70·0	54·1	61·6	− 1·0	3	0·50	13	+ 3
	Greenwich ‡ ...	149	a	80	5th	46	9th	72·3	52·7	61·9	− 0·8	2	0·50	13	+ 3
	Hampstead ...	450	a	73	5th	48	8th	67·7	52·0	59·4	—	2	0·36	9	—
	Camden Square ...	110	a	75	5th	50	8, 9	70·6	53·6	61·6	− 1·7	2	0·36	9	− 1
Surrey	Richmond (KewO)¶	18	t	74	5th	48	8th	69·1	53·7	60·9	− 0·9	2	0·39	10	0
	Wisley ... ¶	150	a	75	5th	44	8th	69·7	51·6	60·1	− 0·9	2	0·47	12	+ 3
Kent	Tunbridge Wells ¶	354	h	74	5th	45	8th	68·7	51·1	59·4	− 1·5	2	0·39	10	0
	Margate ... ¶	51	h	76	5th	52	9th	67·0	56·4	61·4	− 0·9	1	0·07	2	− 7
	Dungeness ¶	21	t	69	3rd	48	9th	66·6	53·4	59·6	− 1·9	2	0·27	7	− 2
Sussex	St. Leonards ¶	178	h	67	5, 6	50	3rd	65·7	53·3	59·1	− 2·5	4	0·80	20	+ 9
	Worthing	36	h	68	6, 8	50	8th	66·2	53·1	59·3	—	2	0·41	10	—
I. of Wight	Ventnor ... ¶	59	a	67	6, 9	50	7th	65·7	54·3	59·7	− 2·6	2	0·43	11	+ 2
Hampshire	Southampton ¶	64	p	73	5th	46	8th	69·0	52·6	60·3	− 2·2	2	0·28	7	− 5
Wiltshire	Marlborough ¶	424	a	71	5, 9	40	8, 9	66·7	48·7	57·2	− 1·7	4	0·44	11	− 1
	Porton ¶	363	a	72	5th	46	9th	68·1	50·1	58·6	—	3	0·23	6	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	64	9th	45	8th	61·1	49·0	54·7	− 3·2	4	0·30	8	− 14
	Newton Rigg ¶	559	p	65	4, 9	39	9th	62·4	46·6	54·0	− 3·2	4	0·13	3	− 15
Lancashire	Stonyhurst ¶	377	a	66	9th	43	8th	61·7	49·9	55·5	− 2·5	4	1·33	34	+ 9
	Blackpool ¶	66	h	66	5, 9	45	9th	63·0	54·0	58·2	− 0·8	3	0·71	18	0
	Southport ¶	37	h	66	5, 9	45	9th	62·9	54·4	58·4	− 0·8	3	0·75	19	+ 1
Manchester	Whitworth Pk. ¶	125	p	70	9th	43	9th	64·4	50·9	57·5	− 2·9	4	0·89	23	+ 5
Cheshire	Liverp'l (Bidston) ¶	189	a	66	5, 9	50	9th	63·0	54·4	58·4	− 1·3	4	0·63	16	0
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	70	9th	46	9th	65·4	52·9	58·8	− 1·7	3	0·27	7	− 7
Carnarvon	Llandudno ¶	22	h	67	5th	46	9th	63·1	54·6	58·6	− 1·4	4	0·56	14	− 1
Anglesey	Holyhead ¶	26	t	65	5, 9	48	9th	61·6	53·1	57·1	− 1·8	2	0·67	17	+ 1
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	67	9th	45	9th	62·7	52·3	57·2	—	3	0·69	18	—
Pembroke	St. Ann's Hd. ¶	150	t	63	9th	51	8, 9	60·0	53·6	56·6	− 2·6	3	0·37	9	− 6
Radnor	Rhayader ¶	757	a	67	9th	36	9th	62·1	45·7	53·4	—	4	0·54	14	—
Glamorgan	Cardiff ... ¶	202	p	71	9th	46	9th	64·4	51·3	57·5	− 2·8	4	0·47	12	− 7
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	72	5, 9	44	9th	67·1	52·0	59·1	− 1·8	4	0·34	9	− 5
Dorset	Shaftesbury ¶	722	a	68	5, 6	46	8th	65·0	51·0	57·6	− 2·1	4	0·44	11	− 3
	Portland Bill ¶	19	t	65	6, 8, 9	53	8th	63·7	56·1	59·7	− 1·3	2	0·31	8	− 1
Devon	Arlington ¶	613	a	69	9th	45	8, 9	63·0	50·8	56·5	− 2·2	4	1·57	40	+16
	Cullompton ¶	202	a	71	6. 9	42	9th	68·4	50·6	59·0	− 1·4	4	0·38	10	− 5
	Plymouth ¶	116	p	69	9th	47	9th	64·7	52·9	58·5	− 2·6	3	0·36	9	− 5
Cornwall	Newquay ...	190	h	66	9th	46	8, 9	61·9	54·1	57·8	− 2·7	3	0·48	12	0
	Falmouth ¶	167	h	69	6th	49	9th	64·9	53·7	59·0	− 1·5	2	0·38	10	− 6
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	64	9th	49	3rd	60·9	52·1	56·2	− 0·9	5	0·54	14	− 7
Mayo	Blacksod Point ¶	10	t	63	8th	49	8th	61·6	54·0	57·6	− 0·4	4	0·89	23	− 3
	Mallaranny ...	120	a	64	4, 8	47	8th	63·0	52·4	57·4	—	4	1·05	27	—
Sligo	Markree Castle ¶	122	p	68	4th	43	8th	64·3	49·3	56·4	− 0·6	4	0·28	7	− 18
Armagh	Armagh ... ¶	204	p	69	4th	45	8th	64·3	50·0	56·7	− 1·0	3	0·22	5	− 16
Down	Donaghadee ¶	35	t	70	4th	47	7th	63·9	51·6	57·4	− 0·3	4	0·38	10	− 10
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	67	4, 5, 9	47	7th	65·3	52·1	58·3	− 1·6	4	0·32	8	− 10
King'sCounty	Birr Castle ¶	175	t	65	3, 5, 9	44	7th	64·4	51·9	57·8	− 0·5	4	0·48	12	− 10
Kilkenny	Kilkenny ¶	182	a	69	4th	44	7, 9	65·6	50·0	57·3	− 1·4	2	0·08	2	− 18
Waterford	Waterford ¶	137	a	70	5th	45	9th	65·7	51·3	58·1	− 1·2	2	0·19	5	− 17
	Seskin, Carrick-on-Suir	542	p	68	4th	46	7, 9	64·6	50·0	56·9	—	2	0·29	7	—
Limerick	Foynes ... ¶	50	a	67	8th	49	8th	63·7	53·0	58.0	− 0·9	3	0·63	16	− 6
Kerry	Cahirciveen ¶	30	t	65	8th	45	8th	61·9	52·3	56·8	− 2·3	4	0·20	5	− 22
	Killarney ¶	174	a	68	8th	43	8th	66·3	51·0	58·2	− 1·1	4	0·33	8	− 17
Cork	Roche's Point ¶	32	t	68	4th	50	9th	63·7	53·1	58·1	− 1·2	2	0·29	7	− 14
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	67	9th	52	8, 9	63·3	53·7	58·2	− 2·8	2	0·17	4	− 10
Guernsey	Grange ... ¶	173	p	65	6, 9	53	8th	64·3	55·7	59·7	− 2·8	3	0·33	9	− 4
Jersey	St. Heliers ¶	28	h	69	9th	54	8th	66·0	56·4	60·9	− 2·1	1	0·09	2	− 11

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	6·3	+0·3	41	0	43	—	—	—	—
Cockle Park §	7·4	+2·1	48	0	38	56·3	− 2·3	54·4	− 1·5
Tynemouth ...	—	—	—	0	44	—	—	—	—
Durham §	6·2	+1·2	40	0	31	—	—	—	—
Rounton ...	—	—	—	0	32	59·0	—	—	—
West Witton	—	—	—	0	37	57·7	—	53·9	—
Scarborough †§	6·7	+1·2	44	0	42	—	—	58·4	—
York §	5·7	+0·7	38	—	—	59·6	− 0·8	56·6	− 0·7
Spurn Head...	7·9	—	52	—	—	—	—	—	—
Lincoln ...	—	—	—	0	43	60·3	− 1·6	57·7	− 0·4
Cranwell §	7·1	+0·9	47	0	40	—	—	—	—
Skegness §	7·6	+1·1	51	—	—	—	—	—	—
Cromer §	8·0	+1·8	53	—	—	—	—	—	—
Yarmouth §	7·7	—	51	0	47	64·1	+0·3	60·7	+0·3
Norwich ...	7·3	—	48	0	45	62·8	—	—	—
Geldeston §	6·9	+0·8	46	—	—	—	—	—	—
Cambridge §	6·7	+0·6	45	0	41	62·6	− 0·6	60·1	+0·2
Rothamsted §	6·4	+0·3	42	0	40	59·7	—	—	—
Tottenham §	5·5	—	36	—	—	—	—	—	—
Clacton-on-Sea§	6·5	− 0·4	43	0	45	62·1	− 0·1	60·0	− 0·3
Southend ...	7·4	—	49	0	49	63·6	—	—	—
Harrogate §	4·9	− 0·5	32	0	38	57·0	− 1·1	55·8	− 0.7
Sheffield §	6·5	+1.2	43	0	40	58·5	− 1·1	56·1	+0·3
Buxton ...	5·7	—	38	0	42	57·5	− 1·7	55·2	− 0·1
Worksop §	5·4	+0·6	36	0	35	59·8	—	57·0	—
Nottingham §	4·7	− 0·8	31	0	40	59·6	− 1·8	58·6	− 0·4
Birmingham §	5·4	+0·7	36	0	32	55·2	− 1·3	52·9	− 0·6
Oundle ...	6·7	—	45	0	39	61·3	—	58·0	—
Oxford §	5·6	− 0·5	38	0	37	—	—	—	—
Cheadle ...	—	—	—	0	47	—	—	—	—
Tenbury ...	—	—	—	0	34	59·2	—	—	—
Malvern ...	5.8	—	39	0	42	60·3	—	59·0	—
Ross on Wye §	5·0	—	33	0	39	60·3	—	58·9	—
Clifton §	4·9	− 1·5	32	0	46	—	—	—	—
Westminster	5·3	− 0·3	36	0	41	—	—	—	—
Greenwich ...	5·4	− 0·9	36	0	37	—	—	—	—
Hampstead ...	5 3	—	35	0	44	—	—	—	—
Camden Square	—	—	—	0	46	61·5	—	58·2	—
Richmond §	5.5	− 0·6	37	0	41	62·4	− 0·2	59·0	+0·4
(Kew Obs.)	5·5	− 0·8	37	0	35	62·7	− 0·3	59·0	− 0·6
Wisley §	6·1	− 0·5	41	0	36	62·6	—	60·1	—
Tunbridge W'ls§	7·3	+1·0	49	0	50	64·4	+0·5	63·2	+2·3
Margate §	8·3	—	56	0	41	—	—	59·7	—
Folkestone §	6·8	− 0·2	46	0	45	64·8	—	60·9	—
St. Leonards §	6·4	− 0·8	43	0	46	63·9	− 0·4	60·2	− 0·4
Worthing §	7·0	+0·2	47	—	—	—	—	—	—
Ventnor §	6·2	− 0·5	42	0	45	—	—	—	—
Southampton§	5·0	− 0·7	33	0	38	60·7	—	57·7	—
Marlborough§	5·0	—	33	0	38	60·2	—	—	—
Porton ...									
Aspatria §	5·4	+0·2	35	0	42	56·6	− 2·8	53·8	− 1·8
Newton Rigg§	4·9	− 0 3	32	0	31	—	—	—	—
Stonyhurst §	5·3	+0.2	34	0	36	—	—	—	—
Blackpool §	6·1	+0·1	40	0	33	60·6	—	56·7	—
Southport §	6·2	+0·3	41	0	40	62·7	− 0·3	61·1	− 0·1
Whitworth Pk.	4·1	− 0·2	27	—	—	—	—	—	—
Oldham Road	4·0	− 0·1	26	0	41	59·7	− 1·8	58·8	− 1·0
Bidston ..	6·3	—	42	0	45	—	—	—	—
(Ches.)Hoylake§	6·4	+0·7	42	—	—	—	—	—	—
Llandudno §	6·1	+0·2	40	—	—	—	—	—	—
Holyhead ...	6·3	—	41	0	46	—	—	—	—
Aberystwyth§	5·8	+0·1	39	—	—	—	—	—	—
St. Ann's Hd.§	5·6	− 0·8	37	—	—	—	—	—	—
Rhayader §	4·1	—	27	1	29	—	—	—	—
Cardiff ...	5·3	—	35	0	42	60·5	− 2·1	58·0	− 1·0
Bath ... §	4·9	− 1·5	33	—	—	61·9	—	59·8	—
Shaftesbury...	—	—	—	—	—	—	—	57·8	—
Weymouth ...	7·4	—	49	—	—	—	—	—	—
Arlington ...	—	—	—	0	43	—	—	—	—
Cullompton §	5·1	− 0·9	34	0	38	61·6	—	—	—
Plymouth §	5·7	− 0·8	39	0	42	60·4	− 4·0	58·1	—
Newquay §	6·1	− 0·5	41	—	—	60·8	—	58·4	—
Falmouth §	5·5	− 1·5	37	0	44	64·2	—	62·0	—
Malin Head...	4·5	—	29	—	—	—	—	—	—
Mallaranny ...	4·9	—	32	—	—	—	—	—	—
MarkreeC'stle§	3·6	− 0·6	24	0	36	61·1	− 0·1	57·0	+0·1
Armagh §	3·4	− 1·0	22	0	40	59·4	− 1·7	56·6	− 1.0
Trinity Coll.	—	—	—	0	44	60·8	− 0·6	57·7	− 0·5
Phœnix Park §	4·7	− 0·8	31	0	41	—	—	—	—
Dublin City ...	—	—	—	0	42	—	—	—	—
Birr Castle §	3·1	− 1·7	20	0	36	—	—	—	—
Seskin ...	4·0	—	27	0	36	—	—	—	—
Cahirciveen (Valencia O.)§	5·1	− 0·2	34	0	40	—	—	—	—
Ballinacurra §	5·2	− 0·1	35	—	—	—	—	—	—
St. Mary's §	6·5	− 0·9	44	—	—	—	—	—	—
Grange §	6·8	− 1·5	46	0	47	64·4	0·0	62·2	+0·5
St. Heliers §	7.0	− 1·2	47	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, August 9th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d. h. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	o	m.p.h	m/s.	d. hr.	m.p.h	m/s.	d. h. m
0. SCOTLAND, N.																		
Shetlands Lerwick ...	310	42	‡	—	0	6, 7, 9	32	102	34	0	0	240	32	14	9 11	43	19	9 10 45
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of	action.											
1. SCOTLAND, E.																		
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	13	132	23	0	310	15	7	5 16	31	14	5 15 40
Edinburgh Edinburgh ...	485	39	31	—	0	5	1	56	103	8	0	260	26	12	5 11	44	20	5 11 5
6a. SCOTLAND, W.																		
Renfrew Paisley ...	188	81	15	—	0	—	0	39	108	21	0	310	20	9	7 8	42	19	7 8 5
Dumfries Eskdalemuir ...	825	50	22	—	0	5	3	56	84	25	0	250	28	13	5 11	47	21	5 11 50
2. ENGLAND, N.E.																		
Durham South Shields...	72	61	12	—	0	5	7	49	72	28	12	260	36	16	5 15	55	25	5 14 15
York, E.R. Spurn Head ...	67	41	‡	—	0	5	4	76	83	5	0	280	31	14	5 16	43	19	5 14 35
Lincoln Cranwell ...	280	43	31	—	0	—	0	53	(90)	(25)	0	260	22	10	5 13	32	14	5 13 0
3. ENGLAND, E.																		
Norfolk Gorleston ...	52	42	‡	—	0	—	0	31	110	27	0	250	17	8	5 16	31	14	5 15 20
Essex Shoeburyness...	103	90	‡	—	0	—	0	36	112	17	3	—	20	9	3 24	39	17	5 11 45
5. ENGLAND, S.E.																		
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	6	96	66	0	230	16	7	5 13	32	14	5 12 45
Surrey Croydon ...	284	40	24	—	0	—	0	12	132	24	0	220	18	8	5 13	31	14	5 12 15
Kent Lympne ...	409	70	‡	—	0	—	0	53	100	15	0	220	22	10	5 15	34	15	5 14 55
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	22	114	32	0	230	20	9	5 13	31	14	5 12 40
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	52	81	35	0	—	24	11	5 13	36	16	3 19 40
Wiltshire Larkhill ...	513	63	43	—	0	5	1	29	(82)	(10)	46	230	25	11	5 15	31	14	5 14 25
7a ENGLAND, N.W.																		
Lancashire Fleetwood ...	112	50	12	—	0	5, 7	13	96	43	16	0	300	30	13	7 16	42	19	5 10 35
Lancashire Southport ...	80	62	48	—	0	5, 7	17	87	60	4	0	240	30	13	5 8	41	18	5 8 30
7b. NORTH WALES.																		
Anglesey Holyhead ...	64	45	‡	—	0	—	0	83	71	14	0	180 / 250	23	10	3 14 / 5 12	39	17	3 15 15
8b. ENGLAND, S.W.																		
Devon Plymouth ...	185	88	2	—	0	—	0	31	109	28	0	—	19	9	3 18	29	13	7 16 35
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	37	85	44	2	230	23	10	3 16	31	14	5 12 10
10. IRELAND, S.																		
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	5	4	70	83	11	0	250	33	15	5 10	—	—	— — —
Clare Quilty	100	40	‡	—	0	—	0	87	40	19	22	—	24	11	5 7	35	16	5 7 20
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	—	0	69	82	17	0	230	21	9	5 3	32	14	5 5 25
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	32	99	37	0	—	18	8	5 11	35	16	5 11 30
11a. SCILLY ISLES.																		
Scilly St. Mary's ...	150	32	‡	—	0	3	1	96	53	18	0	300	25	11	3 23	31	14	3 22 30

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	—	—	—	9	3	1·2	9	8	3·4	12	4	1·7	15	9	3·9	7	7	3·0	20	6	2·7	16	5	2·3
North	—	—	—	7	5	2·4	12	7	3·2	5	6	2·5	10	6	2·8	15	6	2·7	1	2	1·1	10	5	2·3
West	—	—	—	27	11	4·7	17	6	2·9	15	6	2·6	23	10	4·3	20	11	5·0	21	11	5·0	20	8	3·7
East	—	—	—	0	—	—	5	8	3·4	2	2	1·1	2	2	0·8	5	10	4·4	5	2	1·0	5	3	1·3
Calm (or wind-speed < 4 m.p.h.)	—	—	—	1	—	—	5	—	—	9	—	—	1	—	—	1	—	—	2	—	—	2	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director.

14th August, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. 133

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 33.

THIRTY-THIRD WEEK.
SUNDAY, AUGUST 10TH TO SATURDAY, AUGUST 16TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

METEOROLOGICAL OFFICE 25 AUG 1924 LIBRARY

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-THIRD WEEK of 1924—August 10th to August 16th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	67	44	61·2	51·2	55·9	+1·2	97	+ 8	0	0	5	0	0·79	20	− 3	3·8	− 0·2	25	1004
Eastern.																			
1. SCOTLAND, EAST ...	70	36	63·1	48·9	55·6	− 0·2	95	− 1	0	0	5	+ 1	0·61	15	− 4	3·6	− 1·1	24	1005
2. ENGLAND, N.E. ...	78	43	67·7	51·0	58·8	+0·6	118	+ 4	0	0	3	− 1	0·39	10	− 5	6·2	+0·9	42	1009
3. ENGLAND, EAST ...	78	46	69·6	52·1	60·3	0·0	128	0	0	0	2	− 1	0·17	4	− 8	8·0	+1·8	55	1011
4. MIDLAND COUNTIES	76	43	68·0	50·0	58·4	− 0·9	115	− 6	0	0	4	+ 1	0·64	16	+ 2	5·6	+0·1	39	1009
5. ENGLAND, S.E. ...	76	41	68·0	52·6	59·8	− 1·3	125	− 9	0	0	4	+ 1	0·38	10	− 3	8·4	+1·7	58	1011
Western																			
6. SCOTLAND, WEST[1] ...	69	45	62·2	51·1	56·3	− 0·6	100	− 5	0	0	5	+ 1	1·35	34	+ 9	4·0	− 1·1	27	1006
7. ENGLAND, N.W.[2] ...	74	42	64·7	51·9	57·9	− 0·6	111	− 4	0	0	4	0	0·62	16	− 3	5·5	+0·3	37	1008
8. ENGLAND, S.W.[3] ...	75	42	65·0	52·5	58·4	− 1·1	115	− 8	0	0	5	+ 1	0·90	23	+ 5	6·4	+0·2	44	1010
9. IRELAND, NORTH ...	67	44	61·8	51·7	56·5	− 0·8	101	− 6	0	0	7	+ 2	1·37	35	+14	3·0	− 1·7	20	1006
10. IRELAND, SOUTH ...	68	44	63·1	52·3	57·4	− 1·2	108	− 8	0	0	6	+ 2	1·23	31	+10	3·8	− 1·5	26	1009
11. CHANNEL ISLANDS[4]	74	52	65·5	55·9	60·4	− 1·5	129	− 10	0	0	4	0	0·48	12	− 2	7·3	− 0·4	51	1012
MEAN: DISTRICTS 1-10	78	36	65·3	51·4	57·9	− 0·6	112	− 4	0	0	5	+ 1	0·77	19	+ 2	5·5	0·0	37	1008

THE SEASON (Summer).—Aggregates, &c., for the Period of 11 Weeks, June 1st to August 16th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	31	59·5	48·6	53·7	− 0·3	903	− 29	4	+ 3	53	+ 6	10·13	257	+50	4·8	+0·4	28	1009
Eastern																			
1. SCOTLAND, EAST ...	80	29	61·7	47·8	54·3	− 1·2	951	− 90	6	+ 5	51	+10	7·50	190	+20	5·0	− 0·3	29	1010
2. ENGLAND, N.E. ...	87	32	65·2	50·3	57·3	− 0·2	1177	− 12	0	0	38	+ 2	5·87	149	+ 1	5·9	0·0	36	1013
3. ENGLAND, EAST ...	87	35	68·0	52·2	59·6	+0·2	1353	+17	0	0	34	0	5·40	136	+ 1	7·1	+ 0·5	44	1014
4. MIDLAND COUNTIES	87	33	66·6	50·2	57·8	− 1·0	1220	− 70	0	0	39	+ 5	6·88	176	+29	5·6	− 0·3	35	1013
5. ENGLAND, S.E. ...	86	34	66·9	52·0	59·0	− 1·1	1308	− 81	0	0	34	+ 2	6·77	173	+45	7·4	+ 0·4	47	1015
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·8	49·7	55·4	− 1·1	1028	− 91	0	0	52	+10	9·51	241	+25	4·7	− 0·9	28	1011
7. ENGLAND, N.W.[2] ...	85	33	63·0	51·6	56·9	− 1·0	1146	− 74	0	0	46	+ 7	8·20	209	+25	5·1	− 0·9	31	1013
8. ENGLAND, S.W.[3] ...	84	33	63·8	51·9	57·5	− 1·2	1188	−100	0	0	39	+ 1	8·97	228	+52	5·5	− 1·0	35	1014
9. IRELAND, NORTH ...	73	38	61·6	50·8	55·9	− 0·7	1066	− 55	0	0	59	+11	8·93	226	+26	3·5	− 1·4	22	1011
10. IRELAND, SOUTH ...	75	39	63·4	52·0	57·3	− 0·9	1179	− 68	0	0	56	+15	9·52	242	+46	4·1	− 1·4	26	1013
11. CHANNEL ISLANDS[4]	83	46	64·0	54·3	58·8	− 1·3	1297	− 99	0	0	37	+ 1	5·02	127	− 7	7·2	− 0·6	46	1016
MEAN: DISTRICTS 1-10	87	29	64·2	50·9	57·1	− 0·8	1162	− 62	1	+ 1	45	+ 6	7·75	197	+27	5·4	− 0·5	33	1013

THE YEAR. Aggregates, &c., for the Period of 33 Weeks, December 30th, 1923, to August 16th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	50·8	40·5	45·5	− 0·1	1247	− 95	448	− 68	148	− 3	27·08	688	− 49	3·5	− 0·1	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·3	39·1	44·9	− 1·1	1285	−229	608	+24	142	+13	17·97	457	− 6	3·6	− 0·6	27	1010
2. ENGLAND, N.E. ...	87	16	53·5	40·8	46·9	− 0·6	1657	− 67	516	+66	109	− 7	15·47	392	+22	4·2	− 0·4	31	1013
3. ENGLAND, EAST ...	87	18	55·4	42·2	48·5	− 0·1	1978	− 12	476	+ 9	109	− 3	15·88	401	+50	5·0	0·0	38	1014
4. MIDLAND COUNTIES	87	15	55·1	40·8	47·7	− 0·7	1822	−138	516	+22	115	+ 4	18·70	475	+80	4·0	− 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	55·6	42·7	48·9	− 0·8	1989	−129	398	+41	108	0	18·41	469	+92	5·3	+ 0·1	40	1014
Western																			
6. SCOTLAND, WEST[1] ...	80	15	52·6	40·8	46·5	− 1·0	1487	−187	453	+63	140	+ 4	25·15	636	− 37	3·7	− 0·7	28	1011
7. ENGLAND, N.W.[2] ...	85	21	53·4	42·6	47·8	− 0·5	1695	−119	366	+ 6	130	+ 8	20·57	522	+19	4·1	− 0·4	31	1012
8. ENGLAND, S.W.[3] ...	84	14	54·5	43·2	48·6	− 0·9	1840	−164	309	+25	120	− 1	24·52	621	+81	4·5	− 0·4	34	1013
9. IRELAND, NORTH ...	73	18	53·5	42·6	47·9	− 0·3	1639	− 98	287	− 26	157	+ 8	23·37	593	+28	3·6	− 0·4	27	1011
10. IRELAND, SOUTH ...	75	21	55·2	43·9	49·3	− 0·4	1914	−108	226	− 16	146	+15	24·57	623	+31	3·8	− 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	55·6	46·9	51·1	− 0·5	2181	−129	88	− 12	123	− 2	18·77	478	+39	5·5	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	54·0	41·9	47·7	− 0·6	1731	−125	415	+21	128	+ 4	20·46	519	+36	4·2	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland. E.	2. England. N.E.	3. England. E.	4. Midland Counties.	5. England. S.E.	6. Scotland. W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England. S.W. (*and S. Wales*).	9. Ireland. N.	10. Ireland. S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Moderate	Moderate	Moderate	Light	Moderate	Moderate	Heavy	Moderate	Moderate	Heavy	Moderate	Moderate
	Sunshine ..	Moderate	Scanty	Moderate	Abundant	Moderate	Abundant	Scanty	Moderate	Moderate	Scanty	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 11 weeks from June 1st, 1924	Warmth ..	3, 6, 2	0, 7, 4	2, 6, 3	3, 6, 2	1, 7, 3	0, 5, 6	0, 8, 3	0, 8, 3	0, 6, 5	0, 9, 2	0, 10, 1	0, 6, 5
	Rainfall ..	4, 4, 3	3, 6, 2	4, 4, 3	4, 4, 3	5, 3, 3	5, 4, 2	4, 5, 2	4, 5, 2	5, 4, 2	4, 5, 2	4, 5, 2	4, 3, 4
	Sunshine ..	7, 2, 2	2, 5, 4	3, 4, 4	5, 3, 3	2, 5, 4	5, 4, 2	0, 3, 8	1, 5, 5	1, 6 4	0, 4, 7	0, 4, 7	2, 4, 5

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Islands as a whole the weather of the week was of an unsettled character. There were fair periods, but showers fell in all parts of the country and at some stations the rainfall measurements were rather large. Thunderstorms occurred in several parts of our Islands and at one or two places they were accompanied by hail. Among the largest amounts of rainfall were :—22mm. at Hodsock Priory (Worksop) on the 12th, 22mm. at Eskdalemuir, and 21mm. at Tenby on the 15th, and 36mm. at Douglas (Isle of Man), and 27mm. at Buxton on the 16th. The total amount of rainfall for the week was below the normal in most of the northern and eastern Districts, but in several of the other Districts it was above normal. Maximum temperatures above 75°F. occurred in some parts of England, and at a few places a maximum reading of 79°F. was recorded. At one or two stations in Scotland and Ireland the temperature during the week did not rise above 62°F. The lowest screen minimum temperature, 36°F., was registered at West Linton (Peebles) on the 10th. The mean temperature, for the week over the country generally did not differ much from the normal, the average departure being about –0·6°F. Good sunshine records were obtained in many parts of our Islands on various days during the week when a number of places had sunshine values varying between 12 hrs. and 14 hrs., among the largest amounts being 13·2 hrs. at Eastbourne and 13·3 hrs. at Jersey on the 10th, and 14·0 hrs. at Inverness and 13·3 hrs. at Cockle Park (Northumberland) on the 15th. The total amount for the week was below the normal in Scotland and Ireland but in most parts of England it was above normal. The departure of the mean daily duration of sunshine from the normal for the week ranged from +3·3 hrs. at Margate to –2·5 hrs. at Stornoway. Solar and lunar halos were seen during the week in several parts of the country. Parhelia were observed at Oxford on the 10th, 12th and 15th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	63	10th	50	13th	60·7	52·4	56·3	+3·7	2	0·06	1
Orkneys	Deerness	160	p	66	12th	50	10th	60·9	51·7	56·0	+2·7	4	0·49	12
Hebrides	Stornoway ¶	51	t	63	10th	44	15th	59·0	52·7	55·7	+1·4	6	1·23	31
	Castlebay	37	t	62	12th	53	15, 16	58·1	54·4	56·1	—	7	0·70	18
Caithness	Wick ... ¶	81	t	62	15th	50	10th	59·4	51·4	55·2	+1·1	4	0·21	5
Ross and Cromarty	Strathpeffer ¶	125	a	67	10th	45	15th	64·1	49·7	56·5	+0·6	4	0·85	22
	Achnashellach ¶	225	h	63	10, 12	49	16th	61·1	50·7	55·6	—	6	0·77	19
Inverness	Inverness	242	h	66	10, 15	47	15th	63·7	50·6	56·8	—	4	0·54	14
	Fort Augustus ¶	68	a	66	10th	44	16th	63·0	48·9	55·5	- 0·4	4	0·86	22
	Onich ... ¶	48	h	66	13th	50	13th	61·3	52·3	56·5	—	6	1·56	40
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	68	11th	46	15th	64·4	51·1	57·4	+1·6	3	0·43	11
Elgin	Gordon Castle ¶	101	p	70	10, 12	49	16th	66·9	51·7	58·8	+2·9	4	0·42	11
Aberdeen	Aberdeen ... ¶	46	t	67	12th	49	10, 16	63·0	52·4	57·4	—	3	0·11	3
	Balmoral ... ¶	930	a	66	12th	41	16th	60·6	44·7	52·2	- 0·9	6	1·01	26
Perth	Crieff ... ¶	478	p	68	13th	44	15th	62·0	49·4	55·3	- 1·5	7	1·05	27
Forfar	Dundee	147	a	69	12th	47	15th	66·0	50·6	57·8	—	4	0·45	11
Fife	Inchkeith ... ¶	190	t	63	10, 12	50	13, 15	61·0	52·0	56·2	—	4	0·53	13
Midlothian	Edinburgh ...	441	p	66	12th	48	13, 16	62·7	50·4	56·2	- 0·1	6	0·72	18
Peebles	West Linton ¶	770	a	66	12th	36	10th	62·1	41·4	51·1	- 2·4	7	0·97	25
Berwick	Marchmont ¶	498	a	68	12th	44	10, 15	64·9	48·6	56·3	+0·6	5	0·35	9
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	65	13th	48	15th	60·7	51·6	55·9	—	5	2·20	56
Renfrew	Renfrew ... ¶	36	t	67	13th	47	14, 15	62·4	49·9	55·8	—	5	1·09	28
Bute	Rothesay ... ¶	200	p	66	13th	47	15th	60·9	51·4	55·9	- 1·1	6	1·16	29
Ayr	Kilmarnock ¶	90	a	69	14th	49	15th	65·3	52·3	58·4	+2·4	5	0·93	24
	Colmonell... ¶	170	a	67	13th	49	14th	63·1	52·4	57·4	+1·4	6	0·77	20
Dumfries	Dumfries ... ¶	140	p	69	13th	45	10th	62·7	48·4	55·1	- 2·7	5	1·25	32
	Eskdalemuir ...	794	t	65	13th	39	10th	60·6	45·3	52·5	—	6	1·98	50

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	4·7	—	30	—	—	—	—	—	—
Deerness §	5·7	+1·5	37	—	—	—	—	—	—
Stornoway §	2·1	- 2·5	14	—	—	—	—	—	—
Castlebay ...	3·3	—	22	—	—	—	—	—	—
Achnashellach	—	—	—	0	41	—	—	—	—
Inverness §	3·7	—	24	0	42	—	—	—	—
Onich ...	2·0	—	14	0	43	—	—	—	—
Nairn §	2·8	—	18	—	—	—	—	—	—
Gordon Castle	4·4	—	29	—	—	—	—	—	—
Aberdeen §	4·6	- 0·2	31	0	39	—	—	53·9	- 0·5
Balmoral ...	—	—	—	0	36	—	—	—	—
(Kinc.)Crathes §	4·1	- 0·3	27	0	38	57·2	—	52·7	—
Dundee §	3·5	—	23	0	43	59·9	—	—	—
Inchkeith ...	2·9	—	19	0	45	—	—	—	—
Edinburgh §	3·2	- 1·7	21	0	44	—	—	—	—
West Linton...	—	—	—	0	34	—	—	—	—
Marchmont §	3·6	- 1·2	24	—	—	—	—	—	—
Ford ...	—	—	—	0	43	58·5	—	55·6	—
Renfrew ...	2·8	—	19	0	39	—	—	—	—
Rothesay §	3·6	- 1·3	24	0	43	58·7	—	56·0	- 0·2
Kilmarnock ...	3·3	—	22	—	—	58·3	—	55·1	—
Colmonell ...	—	—	—	0	46	—	—	—	—
Dumfries ...	4·0	—	27	0	39	58·3	- 2·3	56·0	- 2·6
Eskdalemuir §	3·3	- 1·0	22	0	35	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " 21h

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	63	13th	49	15th	60·4	51·6	55·7	− 1·4	5	2·04	52	+30
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	72	11th	43	16th	66·6	48·9	57·2	+1·6	3	0·62	16	− 1
	Tynemouth ¶	118	t	69	10th	50	14, 15, 16	65·0	52·6	58·4	+1·1	4	0·45	11	− 5
Durham	Durham ... ¶	336	p	72	11th	44	16th	65·4	48·6	56·5	− 0·9	4	0·51	13	− 1
York,	Rounton ... ¶	249	p	71	10, 11	45	15, 16	66·1	49·0	57·0	+0·1	3	0·32	8	− 8
N. Riding	West Witton ...	605	a	72	11th	44	13th	66·3	49·3	57·3	—	4	0·14	4	—
	Scarborough ¶	118	h	74	11th	50	14, 15, 16	68·0	53·0	60·1	+1·6	4	0·56	14	− 2
	York ... ¶	56	p	75	11th	49	16th	68·7	51·7	59·7	+0·7	4	0·43	11	− 4
E. Riding	Spurn Head ¶	26	t	72	14th	52	16th	67·1	54·1	60·2	+0·8	3	0·19	5	− 7
Lincoln	Lincoln ... ¶	58	a	78	11th	50	14th	72·0	51·9	61·4	+1·6	2	0·28	7	− 7
	Cranwell ... ¶	236	t	77	11th	44	11th	70·4	48·9	59·0	− 0·6	2	0·16	4	− 11
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	78	11th	50	10, 13, 16	71·5	52·0	61·2	+1·3	2	0·28	7	− 4
	Yarmouth ... ¶	13	t	72	14th	51	13th	69·4	54·3	61·4	+1·3	2	0·16	4	− 10
	Norwich ... ¶	93	a	75	11th	49	13, 16	70·3	51·0	60·1	− 0·3	2	0·04	1	− 12
	Geldeston ... ¶	37	a	75	11th	46	10th	69·9	49·6	59·1	− 1·0	1	0·09	2	− 10
Cambridge	Cambridge ¶	41	p	76	11th	47	10, 13	70·3	49·6	59·3	− 1·4	2	0·07	2	− 11
Hertford	Rothamsted ¶	420	a	75	11th	47	10th	67·6	49·7	58·1	− 1·4	5	0·54	14	0
Middlesex	Tottenham ¶	51	p	76	11th	50	10th	69·7	53·7	61·2	—	3	0·12	3	—
Essex	Clacton-on-Sea ¶	55	t	71	14th	54	16th	67·9	56·9	62·1	+1·1	2	0·03	1	− 9
	Southend	90	h	78	11th	53	10, 15, 16	72·1	54·7	62·9	—	3	0·09	2	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	73	11th	47	13, 16	65·9	48·9	56·9	− 0·7	3	0·40	10	− 6
W. Riding	Sheffield	429	p	74	11th	50	16th	67·0	51·7	58·9	—	4	0·51	13	− 1
Derby	Buxton	987	p	72	11th	46	11, 13	64·1	48·3	55·7	− 0·5	4	1·51	38	+14
Nottingham	Worksop(Hods'ck)¶	56	a	76	11th	46	14th	70·3	49·9	59·5	+0·2	3	0·96	24	+11
	Nottingham ¶	192	a	75	11th	48	13, 14	69·1	50·7	59·4	+0·2	2	0·36	9	− 4
Warwick	Birmingham (Edg)¶	525	t	73	11th	49	15, 16	65·9	51·1	58·1	− 1·3	5	0·91	23	+ 8
Northampton	Oundle ... ¶	147	a	76	11th	43	13th	69·9	47·6	58·1	—	4	0·37	9	—
Oxford	Oxford ... ¶	208	p	76	11th	47	11th	68·9	50·4	59·1	− 1·6	4	0·23	6	− 7
Stafford	Cheadle ... ¶	646	a	74	11th	46	15th	66·7	49·6	57·6	− 0·2	4	0·94	24	+ 5
Worcester	Tenbury ... ¶	313	p	73	11th	45	11th	67·4	49·1	57·7	− 1·1	4	0·92	23	+ 7
	Malvern	377	h	73	11th	49	16th	66·4	52·1	58·8	—	4	0·91	23	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	74	14th	50	10, 11, 15	67·7	52·4	59·6	− 2·2	4	0·64	16	− 3
5. ENGLAND, S.E.															
London	Westminster ...	27	a	75	11th	51	16th	69·3	54·6	61·5	− 0·7	3	0·17	4	− 9
	Greenwich ‡ ...	149	a	79	11th	47	10th	73·3	51·0	61·5	− 0·7	2	0·12	3	− 10
	Hampstead ...	450	a	—	—	—	—	—	—	—	—	—	—	—	—
	Camden Square ...	110	a	79	11th	50	10th	72·0	53·3	62·1	− 0·7	5	0·21	5	− 8
Surrey	Richmond (KewO)¶	18	t	76	11th	49	10th	69·7	52·1	60·4	− 0·9	3	0·18	5	− 8
	Wisley ... ¶	150	a	76	11th	45	10th	69·4	50·6	59·4	− 1·2	5	0·20	5	− 7
Kent	Tunbridge Wells ¶	354	h	74	11th	48	10th	68·9	51·1	59·5	− 0·9	4	0·68	17	+ 4
	Margate ... ¶	51	h	74	14th	53	13, 16	70·0	55·3	62·2	+0·3	1	0·04	1	− 10
	Dungeness ¶	21	t	70	11th	55	15th	67·3	57·7	62·2	+0·9	3	0·07	2	− 9
Sussex	St. Leonards ¶	178	h	68	10, 11, 14	52	10th	66·7	55·5	60·8	− 0·5	3	0·33	9	− 5
	Worthing	36	h	70	11th	52	10, 15	67·2	54·7	60·6	—	3	0·32	8	—
I. of Wight	Ventnor ... ¶	59	a	71	11th	55	14, 15	66·7	56·9	61·5	− 0·6	3	0·30	8	− 4
Hampshire	Southampton ¶	64	p	75	11th	50	10th	68·1	52·9	60·0	− 2·1	5	0·82	21	+ 6
Wiltshire	Marlborough ¶	424	a	74	11th	41	14th	66·3	46·1	55·6	− 2·8	5	0·67	17	+ 2
	Porton ¶	363	a	74	11th	45	16th	66·6	48·0	56·7	—	4	0·50	13	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	65	10, 13	47	13th	62·1	50·4	55·9	− 1·6	4	0·37	9	− 14
	Newton Rigg ¶	559	p	68	13th	42	13th	63·9	46·9	54·9	− 1·7	4	0·42	11	− 8
Lancashire	Stonyhurst ¶	377	a	69	11th	46	13th	64·0	50·6	56·9	− 0·7	4	0·72	18	− 9
	Blackpool ¶	66	h	71	11th	49	10th	65·7	53·0	59·0	+0·4	3	0·49	12	− 7
	Southport ¶	37	h	71	11th	51	10, 16	65·3	53·1	58.8	0·0	4	0·58	15	− 3
Manchester	Whitworth Pk. ¶	125	p	74	11th	52	13, 14, 16	66·4	53·3	59·5	− 0·2	4	0·59	15	− 3
Cheshire	Liverp'l (Bidston) ¶	189	a	71	11th	51	15, 16	65·6	53·4	59·1	− 0·2	4	1·05	27	+11
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	74	10th	50	10, 14	67·3	52·7	59·6	− 0·5	4	0·64	16	+ 1
Carnarvon	Llandudno ¶	22	h	71	10th	50	13th	65·6	53·1	59·0	− 0·7	4	0·40	10	− 6
Anglesey	Holyhead ¶	26	t	66	10th	51	10th	61·9	53·7	57·6	− 1·0	5	0·88	22	+ 5
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	69	10th	52	11th	64·3	54·4	59·1	—	5	1·53	39	—
Pembroke	St. Ann's Hd. ¶	150	t	64	10, 13	54	10, 13, 16	61·7	55·3	58·3	− 0·5	4	1·34	34	+17
Radnor	Rhayader ¶	757	a	68	11th	42	10, 11	63·3	48·1	55·2	—	4	1·26	32	—
Glamorgan	Cardiff ... ¶	202	p	70	10, 11	48	10th	66·0	52·4	58·8	− 0·9	5	1·33	34	+12
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	75	11th	46	10th	67·1	50·1	58·1	− 2·2	4	0·44	11	− 4
Dorset	Shaftesbury ¶	722	a	71	11th	48	15th	64·6	51·6	57·7	− 1·4	5	0·78	20	+ 5
	Portland Bill ¶	19	t	66	11, 13	56	16th	63·0	58·0	60·4	− 0·3	4	0·28	7	− 3
Devon	Arlington ¶	613	a	69	11th	46	11th	64·0	51·1	57·2	− 1·0	6	1·50	38	+11
	Cullompton ¶	202	a	75	11th	44	10th	69·6	49·7	59·1	− 0·7	4	0·60	15	− 1
	Plymouth ¶	116	p	69	10th	50	11th	65·7	54·3	59·7	− 0·9	5	0·76	19	+ 3
Cornwall	Newquay ... ¶	190	h	67	10, 11	47	11th	63·4	52·6	57·7	− 2·4	6	0·59	15	+ 1
	Falmouth ¶	167	h	67	11th	51	15th	65·0	54·1	59·2	− 0·8	5	0·68	17	0
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	63	10th	50	16th	60·1	52·7	56·2	− 0·8	7	1·68	43	+24
Mayo	Blacksod Point ¶	10	t	62	11, 12	49	16th	60·7	53·4	56·8	− 1·0	7	1·32	33	+ 9
	Mallarany ...	120	a	64	10, 13	49	15th	62·3	53·0	57·4	—	7	2·17	55	—
Sligo	Markree Castle ¶	122	p	65	10th	44	15th	62·1	49·7	55·5	− 1·2	7	1·96	50	+27
Armagh	Armagh ... ¶	204	p	64	10, 12	45	15th	62·7	51·0	56·5	− 0·9	7	1·32	34	+15
Down	Donaghadee ¶	35	t	65	11th	47	15th	62·4	52·3	57·1	− 0·4	5	0·77	19	+ 1
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	67	10th	48	15th	64·1	52·9	58·2	− 1·1	6	1·20	31	+14
King'sCounty	Birr Castle ¶	175	t	67	10th	47	15th	62·9	51·4	56·8	− 1·0	6	1·20	30	+ 9
Kilkenny	Kilkenny ¶	182	a	65	11th	44	15th	63·3	50·0	56·3	− 1·8	6	1·21	31	+12
Waterford	Waterford ¶	137	a	66	10th	48	15th	64·1	52·3	57·9	− 0·9	5	1·08	27	+ 6
	Seskin, Carrick-on-Suir	542	p	64	10, 14	46	15th	62·7	50·0	56·0	—	5	1·15	29	—
Limerick	Foynes ... ¶	50	a	68	10th	49	10, 15	63·0	52·3	57.3	− 1·1	6	1·25	32	+11
Kerry	Cahirciveen ¶	30	t	66	10th	52	15, 16	61·1	54·3	57·5	− 1·2	7	1·81	46	+20
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	64	10, 12, 13	50	10, 15	63·0	52·9	57·7	− 1·2	6	0·85	22	+ 1
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	67	10, 11	52	16th	63·6	54·3	58·7	− 2·2	5	0·54	14	0
Guernsey	Grange ... ¶	173	p	74	11th	54	16th	66·4	56·0	60·9	− 1·5	4	0·42	11	− 2
Jersey	St. Heliers ¶	28	h	73	10th	56	10, 15, 16	66·6	57·3	61·7	− 1·2	4	0·50	13	0

Stations reporting Sunshine and Temperature on the Grass and in the Ground		Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas	§	5·1	− 0·8	34	0	45	—	—	—	—
Cockle Park	§	5·3	+0·3	36	0	38	57·6	− 0·4	55·1	− 0·8
Tynemouth ...		—	—	—	0	45	—	—	—	—
Durham	§	5·0	+0·2	34	0	33	—	—	—	—
Rounton ...		—	—	—	0	34	60·3	—	—	—
West Witton		—	—	—	0	40	58·6	—	54·0	—
Scarborough	†§	4·8	− 0·5	32	0	45	—	—	58·6	—
York	§	5·2	+0·4	35	—	—	60·4	+0·1	57·0	− 0·6
Spurn Head...		7·3	—	49	—	—	—	—	—	—
Lincoln ...		—	—	—	0	47	61·2	− 0·4	58·1	− 0·3
Cranwell	§	8·1	+2·1	55	0	37	—	—	—	—
Skegness	§	8·5	+2·3	58	—	—	—	—	—	—
Cromer	§	8·0	+1·8	55	—	—	—	—	—	—
Yarmouth	§	8·9	—	61	0	48	65·4	+1·8	61·6	+1·0
Norwich ...		7·6	—	52	0	43	62·5	—	—	—
Geldeston	§	7·8	+1·5	53	—	—	—	—	—	—
Cambridge	§	7·5	+1·2	51	0	42	63·2	+0·2	60·5	+0·3
Rothamsted	§	7·6	+1·4	52	0	42	60·6	—	—	—
Tottenham	§	7·3	—	50	—	—	—	—	—	—
Clacton-on-Sea	§	9·2	+2·1	63	0	51	63·3	+1·0	60·3	− 0·2
Southend ...		9·3	—	64	0	51	65·1	—	—	—
Harrogate	§	5·2	− 0·1	35	0	41	57·3	− 0·6	55·7	− 0.9
Sheffield	§	5·3	+0·1	36	0	44	59·1	− 0·4	56·3	+0·2
Buxton ...		5·2	—	35	0	46	58·9	− 0·3	55·1	− 0·6
Worksop	§	4·4	− 0·5	30	0	39	60·2	—	57·2	—
Nottingham	§	5·1	− 0·4	35	0	45	60·5	− 0·5	58·9	− 0·4
Birmingham	§	5·1	+0·3	35	0	40	55·9	− 1·0	53·0	− 0·9
Oundle ...		6·6	—	45	0	40	61·3	—	58·0	—
Oxford	§	6·9	+0·9	47	0	42	—	—	—	—
Cheadle ...		—	—	—	0	50	—	—	—	—
Tenbury ...		—	—	—	0	39	60·0	—	—	—
Malvern ...		6.6	—	45	0	46	61·6	—	59·1	—
Ross on Wye	§	5·9	—	40	0	43	61·8	—	59·2	—
Clifton	§	7·1	+0·8	49	0	50	—	—	—	—
Westminster		8·0	+2·3	55	0	46	—	—	—	—
Greenwich ...		9·0	+2·5	62	0	38	—	—	—	—
Hampstead ...		—	—	—	—	—	—	—	—	—
Camden Square		—	—	—	0	46	62·5	—	58·7	—
Richmond (Kew Obs.)	§	6.9	+0·7	48	0	41	62·8	+0·3	59·4	+0·5
Wisley	§	6·3	− 0·1	43	0	36	62·9	+0·1	59·3	− 0·6
Tunbridge W'ls	§	9·2	+2·5	64	0	37	62·4	—	60·3	—
Margate	§	9·7	+3·3	66	0	47	65·3	+1·3	63·3	+2·0
Folkestone	§	10·7	—	74	0	45	—	—	59·8	—
St. Leonards	§	10·0	+2·9	69	0	47	66·0	—	61·1	—
Worthing	§	9·5	+2·2	65	0	47	64·6	+0·4	60·6	− 0·3
Ventnor	§	8·6	+1·7	59	—	—	—	—	—	—
Southampton	§	7·3	+0·4	50	0	43	—	—	—	—
Marlborough	§	6·0	+0·2	41	0	42	61·3	—	57·9	—
Porton ...		5·7	—	40	0	40	60·4	—	—	—
Aspatria	§	5·0	− 0·1	33	0	45	56·4	− 2·7	53·9	− 1·9
Newton Rigg	§	4·3	− 0·7	29	0	35	—	—	—	—
Stonyhurst	§	5·0	+0·1	34	0	41	—	—	—	—
Blackpool	§	5·7	− 0·3	38	0	37	60·4	—	56·8	—
Southport	§	6·1	+0·3	41	0	46	63·5	+0·3	61·3	0·0
Whitworth Pk.		3·9	− 0·3	26	—	—	—	—	—	—
Oldham Road		2·9	− 1·1	19	0	48	60·7	− 0·6	58·8	− 1·3
Bidston ...		5·4	—	37	0	49	—	—	—	—
(Ches.)Hoylake	§	5·8	+0·3	39	—	—	—	—	—	—
Llandudno	§	5·9	+0·1	40	—	—	—	—	—	—
Holyhead ...		5·4	—	36	0	47	—	—	—	—
Aberystwyth	§	6·7	+1·0	46	—	—	—	—	—	—
St. Ann's Hd.	§	5·8	− 0·6	40	—	—	—	—	—	—
Rhayader	§	5·4	—	37	0	35	—	—	—	—
Cardiff ...		7·3	—	50	0	44	61·9	− 0·7	58·3	− 1·0
Bath ...	§	5·9	− 0·6	40	—	—	62·7	—	60·3	—
Shaftesbury...		—	—	—	—	—	—	—	58·1	—
Weymouth ...		7·9	—	55	—	—	—	—	—	—
Arlington ...		—	—	—	0	44	—	—	—	—
Cullompton	§	6·6	+0·6	46	0	41	62·1	—	—	—
Plymouth	§	7·1	+0·5	49	0	46	61·2	− 2·9	58·4	—
Newquay	§	6·5	− 0·1	45	—	—	60·4	—	58·5	—
Falmouth	§	7·3	+0·2	50	0	46	64·2	—	62·0	—
Malin Head...		3·5	—	23	—	—	—	—	—	—
Mallarany ...		4·0	—	27	—	—	—	—	—	—
MarkreeC'stle	§	2·9	− 1·7	20	—	—	60·9	− 0·2	57·2	− 0·1
Armagh	§	3·1	− 1·6	21	0	43	59·2	− 1·7	56·7	− 1·2
Trinity Coll.		—	—	—	0	44	60·5	− 0·8	57·8	− 0·6
Phœnix Park	§	3·9	− 1·6	26	0	42	—	—	—	—
Dublin City...		—	—	—	0	43	—	—	—	—
Birr Castle	§	3·5	− 1·3	24	0	40	—	—	—	—
Seskin ...		4·5	—	31	0	42	—	—	—	—
Cahirciveen (Valencia O.)	§	3·4	− 1·8	24	0	43	—	—	—	—
Ballinacurra	§	4·2	− 1·0	29	—	—	—	—	—	—
St. Mary's	§	5·6	− 1·6	39	—	—	—	—	—	—
Grange	§	8·4	+0·3	58	0	49	65·3	+0·8	62·4	+0·3
St. Heliers	§	8·1	+0·1	56	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, August 16th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	10	1	30	112	25	0	260	25	11	10	1	34	15	10	0	30
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of action.															
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	26	123	19	0	140	16	7	16	14	26	12	16	14	20
Edinburgh Edinburgh ...	485	39	31	—	0	11	1	35	92	40	0	200	25	11	11	12	37	17	11	11	50
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	7	119	42	0	190	14	6	11	11	33	15	15	14	10
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	46	76	46	0	200	21	9	11	14	33	15	11	14	20
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	21	91	43	13	260	18	8	15	9	23	13	15	13	20
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	49	100	19	0	280	22	10	15	2	28	13	15	7	0
Lincoln Cranwell ...	280	43	31	—	0	—	0	45	(80)	(43)	0	200	21	9	16	14	28	13	16	13	50
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	31	120	17	0	170	23	10	16	16	28	13	16	15	40
Essex Shoeburyness...	103	90	‡	—	0	—	0	38	108	22	0	—	22	10	14	23	31	14	15	15	35
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	6	102	60	0	210	17	7	14	15	29	13	14	15	35
Surrey Croydon ...	284	40	24	—	0	—	0	9	144	15	0	210	15	7	14	15	31	14	15	13	50
Kent Lympne ...	409	70	‡	—	0	—	0	49	109	10	0	220	19	9	14	14	29	13	15	15	50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	7	123	20	18	230	14	6	14	14	27	12	14	16	50
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	54	100	14	0	220	21	9	14	14	34	15	15	12	45
Wiltshire Larkhill ...	513	63	43	—	0	—	0	24	(129)	(15)	0	190 / 180	18	8	14 / 16	13 / 10	26	12	16	12	35
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	64	80	24	0	230	21	9	15	4	31	14	16	11	55
Lancashire Southport ...	80	62	48	—	0	—	0	66	94	8	0	270	23	10	15	8	31	14	11	18	20
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	92	74	2	0	220	21	10	15	23	36	16	15	22	40
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	53	93	22	0	—	24	11	16	7	34	15	16	8	30
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	29	117	22	0	210	24	11	14	13	31	14	14	13	25
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	63	101	4	0	270	23	10	14	15	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	12, 13	5	108	49	6	0	—	26	12	13	3	35	16	13	3	25
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	13	1	108	59	0	0	340	24	11	13	3	35	16	13	2	40
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	58	90	11	9	—	22	10	15	17	36	16	15	15	40
11a. SCILLY ISLES.																					
Scilly St. Mary's ...	150	32	‡	—	0	13	4	102	60	2	0	310	27	12	13	10	35	16	13	8	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	—	—	—	16	9	4·1	24	8	3·6	18	6	2·8	21	10	4·5	11	7	3·1	22	7	3·1	16	8	3·6
North	—	—	—	2	2	1·0	0	—	—	0	—	—	4	8	3·4	13	7	3·3	4	5	2·3	11	9	3·9
West	—	—	—	18	7	3·2	13	5	2·2	13	5	2·3	25	7	3·2	22	14	6·3	19	10	4·3	21	11	5·0
East	—	—	—	2	3	1·3	8	5	2·2	4	4	1·9	1	5	2·3	5	6	2·6	6	4	1·7	6	3	1·2
Calm (or wind-speed < 4 m.p.h.)	—	—	—	6	—	—	3	—	—	9	—	—	1	—	—	0	—	—	0	—	—	0	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 21st August, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

137

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 34.

THIRTY-FOURTH WEEK.
SUNDAY, AUGUST 17TH TO SATURDAY, AUGUST 23RD, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-FOURTH WEEK of 1924—August 17th to August 23rd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	63	38	57·7	49·3	53·2	− 1·2	78	− 9	0	0	7	+ 2	1·64	42	+19	2·6	− 1·1	18	996
Eastern.																			
1. SCOTLAND, EAST ...	65	32	58·0	48·1	52·8	− 2·8	76	− 19	0	0	7	+ 3	2·07	53	+36	1·4	− 3·3	10	994
2. ENGLAND, N.E. ...	67	44	62·2	49·0	55·2	− 2·6	92	− 19	0	0	6	+ 2	1·02	26	+ 9	4·5	− 0·4	31	997
3. ENGLAND, EAST ...	68	44	65·1	50·3	57·2	− 2·5	106	− 18	0	0	5	+ 1	0·59	15	+ 1	6·3	+0·7	44	1000
4. MIDLAND COUNTIES	67	44	62·4	48·5	55·0	− 3·6	91	− 25	0	0	6	+ 2	1·21	31	+14	4·4	− 0·8	31	998
5. ENGLAND, S.E. ...	69	42	63·8	50·7	56·9	− 3·6	104	− 26	0	0	6	+ 2	0·93	23	+ 8	6·5	+0·4	46	1001
Western.																			
6. SCOTLAND, WEST[1] ...	66	38	59·6	49·1	54·0	− 2·3	84	− 17	0	0	6	+ 1	1·20	31	+ 5	3·1	− 1·3	22	995
7. ENGLAND, N.W.[2] ...	65	47	60·6	51·3	55·7	− 2·4	96	− 17	0	0	7	+ 3	1·66	42	+18	4·7	− 0·3	33	997
8. ENGLAND, S.W.[3] ...	66	41	61·2	50·9	55·8	− 3·4	97	− 24	0	0	6	+ 2	1·76	45	+23	5·4	− 0·5	38	1001
9. IRELAND, NORTH ...	65	41	59·3	50·2	54·5	− 2·2	87	− 16	0	0	7	+ 2	1·32	33	+10	4·1	− 0·1	29	998
10. IRELAND, SOUTH ...	65	44	61·2	50·1	55·4	− 2·9	94	− 20	0	0	7	+ 2	0·95	24	− 1	5·0	+0·2	35	1002
11. CHANNEL ISLANDS[4]	64	50	61·9	52·8	57·1	− 4·5	106	− 31	0	0	6	+ 2	1·18	30	+14	8·4	+1·2	60	1005
MEAN: DISTRICTS 1-10	69	32	61·3	49·8	55·3	− 2·8	93	− 20	0	0	6	+ 2	1·27	32	+12	4·5	− 0·5	32	998

THE SEASON (Summer).—Aggregates, &c., for the Period of 12 Weeks, June 1st to August 23rd, 1924.

0. SCOTLAND, NORTH...	81	31	59·4	48·6	53·6	− 0·5	981	− 38	4	+ 3	60	+ 8	11·77	299	+69	4·7	+ 0·3	27	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·4	47·8	54·1	− 1·4	1027	−109	6	+ 5	58	+13	9·57	243	+56	4·7	− 0·6	28	1009
2. ENGLAND, N.E. ...	87	32	65·0	50·2	57·1	− 0·4	1269	− 31	0	0	44	+ 4	6·89	175	+10	5·8	0·0	36	1011
3. ENGLAND, EAST ...	87	35	67·8	52·1	59·4	0·0	1459	− 1	0	0	39	+ 1	5·99	151	+ 2	7·0	+ 0·5	44	1013
4. MIDLAND COUNTIES	87	33	66·2	50·1	57·6	− 1·2	1311	− 95	0	0	45	+ 7	8·09	207	+43	5·5	− 0·4	35	1012
5. ENGLAND, S.E. ...	86	34	66·7	51·9	58·8	− 1·3	1412	−107	0	0	40	+ 4	7·70	196	+53	7·4	+ 0·5	47	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·6	49·7	55·2	− 1·3	1112	−108	0	0	58	+11	10·71	272	+30	4·5	− 1·0	28	1010
7. ENGLAND, N.W.[2] ...	85	33	62·8	51·5	56·8	− 1·1	1242	− 91	0	0	53	+10	9·86	251	+43	5·0	− 0·9	31	1011
8. ENGLAND, S.W.[3] ...	84	33	63·6	51·8	57·3	− 1·5	1285	−124	0	0	45	+ 3	10·73	273	+75	5·5	− 0·9	35	1013
9. IRELAND, NORTH ...	73	38	61·4	50·8	55·7	− 0·9	1153	− 71	0	0	66	+13	10·25	259	+36	3·6	− 1·2	22	1010
10. IRELAND, SOUTH ...	75	39	63·2	51·9	57·2	− 1·0	1273	− 88	0	0	63	+17	10·47	266	+45	4·2	− 1·2	26	1012
11. CHANNEL ISLANDS[4]	83	46	63·9	54·1	58·7	− 1·6	1403	−130	0	0	43	+ 3	6·20	157	+ 7	7·3	− 0·5	47	1015
MEAN: DISTRICTS 1-10	87	29	64·0	50·8	56·9	− 1·0	1254	− 83	1	+ 1	51	+ 8	9·03	229	+39	5·3	− 0·5	33	1011

THE YEAR. Aggregates, &c., for the Period of 34 Weeks, December 30th, 1923, to August 23rd, 1924.

0. SCOTLAND, NORTH...	81	12	51·0	40·8	45·7	− 0·1	1325	−104	448	− 68	155	− 1	28·72	730	− 30	3·4	− 0·2	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·5	39·3	45·2	− 1·1	1361	−248	608	+24	149	+16	20·04	510	+30	3·6	− 0·6	26	1010
2. ENGLAND, N.E. ...	87	16	53·8	41·1	47·2	− 0·6	1749	− 86	516	+66	115	− 5	16·49	418	+31	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	55·7	42·4	48·8	− 0·1	2084	− 30	476	+ 9	114	− 2	16·47	416	+51	5·1	+ 0·1	38	1013
4. MIDLAND COUNTIES	87	15	55·4	41·0	47·9	− 0·8	1913	−163	516	+22	121	+ 6	19·91	506	+94	4·1	− 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	55·9	42·9	49·1	− 0·9	2093	−155	398	+41	114	+ 2	19·34	492	+100	5·4	+ 0·2	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	52·8	41·1	46·7	− 1·1	1571	−204	453	+63	146	+ 5	26·35	667	− 32	3·7	− 0·7	27	1011
7. ENGLAND, N.W.[2] ...	85	21	53·6	42·9	48·0	− 0·6	1791	−136	366	+ 6	137	+11	22·23	564	+37	4·1	− 0·5	31	1012
8. ENGLAND, S.W.[3] ...	84	14	54·7	43·4	48·9	− 0·8	1937	−188	309	+25	126	+ 1	26·28	666	+104	4·5	− 0·5	34	1013
9. IRELAND, NORTH ...	73	18	53·6	42·9	48·1	− 0·3	1726	−114	287	− 26	164	+10	24·69	626	+38	3·6	− 0·5	27	1010
10. IRELAND, SOUTH ...	75	21	55·4	44·1	49·5	− 0·5	2008	−128	226	− 16	153	+17	25·52	647	+30	3·8	− 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	55·8	47·0	51·2	− 0·7	2287	−160	88	− 12	129	0	19·95	508	+53	5·6	− 0·3	42	1014
MEAN: DISTRICTS 1-10	87	2	54·2	42·1	47·9	− 0·7	1823	−145	415	+21	134	+ 6	21·73	551	+48	4·2	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Deficient	Very Deficient
	Rainfall ..	Heavy	Very Heavy	Heavy	Moderate	Heavy	Heavy	Moderate	Heavy	Very Heavy	Heavy	Moderate	Heavy
	Sunshine ..	Scanty	Very Scanty	Moderate	Moderate	Scanty	Moderate	Scanty	Moderate	Moderate	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 12 weeks from June 1st, 1924	Warmth ..	3, 7, 2	0, 7, 5	2, 6, 4	3, 6, 3	1, 7, 4	0, 5, 7	0, 8, 4	0, 8, 4	0, 6, 6	0, 9, 3	0, 10, 2	0, 6, 6
	Rainfall ..	5, 4, 3	4, 6, 2	5, 4, 3	4, 5, 3	6, 3, 3	6, 4, 2	4, 6, 2	5, 5, 2	6, 4, 2	5, 5, 2	4, 6, 2	5, 3, 4
	Sunshine ..	7, 2, 3	2, 5, 5	3, 5, 4	5, 4, 3	2, 5, 5	5, 5, 2	0, 3, 9	1, 6, 5	1, 7 4	0, 5, 7	0, 5, 7	3, 4, 5

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over the British Isles during the week was rather cool and decidedly unsettled. Rain fell on most days and in several places hail was reported. Thunderstorms occurred on various days in most parts of the country. The winds were moderate to strong at times and in several places during the early part of the week gale force was reached. Maximum temperatures of between 65°F. and 70°F. were recorded in some parts, the highest, 70°F., occurring in London on the 17th and at Hull on the 22nd. A screen minimum temperature of 32°F. was registered at West Linton (Peebles) on the 17th and a grass temperature of 30°F. at Balmoral and at Achnashellach (Ross-shire) on the same date. The mean temperature for the week was below the normal in all Districts, the average deficit being 2·8°F. The total amount of rainfall for the week was in excess of the normal in nearly all parts of the country. There were several rainfall measurements of 25mm. and more recorded in various parts of our Islands, among the largest amounts being 26mm. at Gordon Castle (Elgin) on the 18th, 27mm. at Nairn on the 19th, 51mm. at Stonyhurst and 27mm. at Burnley on the 20th, 29mm. at Cardiff on the 21st and 36mm. at Balmoral on the 22nd. Sunshine values ranging between 11 hrs. and 13 hrs. were registered during the week in many places, the largest amounts being 12·9 hrs. at Llandudno and Rhyl, 12·5 hrs. at Southport and 12·0 hrs. at Holyhead on the 19th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·1 hrs. at Scilly to −3·7 hrs. at Marchmont (Berwick). A waterspout was seen at Ventnor at about 10h. on the 20th. Solar halos were seen at Stonyhurst on the 18th and 19th, at Oxford on the 18th, 19th and 22nd, at Clacton on the 19th, 21st and 22nd, and at Birmingham on the 22nd. Parhelia were observed at Oxford on the 19th and at Clacton on the 22nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal	STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Shetlands	Lerwick ¶	54	t	59	17, 21	50	23rd	57·0	52·6	54·7	+2·3	5	0·73	19	+ 3	Lerwick ...	3·2	—	21	—	—	—	—	—	—
Orkneys	Deerness	160	p	59	17, 21, 22	50	17, 20, 23	58·0	51·0	54·3	+1·1	7	1·76	45	+29	Deerness §	3·1	− 0·8	21	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	60	17, 21, 22	48	17th	57·1	49·7	53·2	− 0·8	6	1·61	41	+19	Stornoway §	3·5	− 0·9	24	—	—	—	—	—	—
	Castlebay	37	t	61	22nd	50	17th	57·9	52·3	54·9	—	6	1·10	28	—	Castlebay ...	3·7	—	25	—	—	—	—	—	—
Caithness	Wick ... ¶	81	t	57	17, 19, 21	49	17, 23	56·3	51·0	53·5	− 0·4	7	1·61	41	+26										
Ross and Cromarty	Strathpeffer ¶	125	a	62	17th	42	17th	58·0	48·0	52·7	− 2·8	7	1·98	50	+36										
	Achnashellach ¶	225	h	62	17th	40	17th	56·9	47·9	52·1	—	7	2·35	60	—	Achnashellach	—	—	—	1	30	—	—	—	—
Inverness	Inverness	242	h	59	17, 20	45	17th	55·9	49·1	52·3	—	7	2·57	65	—	Inverness §	1·3	—	9	0	39	—	—	—	—
	Fort Augustus ¶	68	a	61	17th	38	17, 18	58·4	46·0	51·8	− 3·7	7	1·84	47	+28										
	Onich ... ¶	48	h	63	23rd	45	17th	59·9	49·7	54·5	—	7	1·37	35	—	Onich ...	1·2	—	8	0	39	—	—	—	—
1. SCOTLAND, E.																									
Nairn	Nairn ... ¶	82	t	61	17th	43	17th	56·6	48·9	52·5	− 3·1	7	2·78	71	+57	Nairn §	1·3	—	9	—	—	—	—	—	—
Elgin	Gordon Castle ¶	101	p	65	17th	47	17th	58·6	49·9	54·0	− 1·8	7	4·22	107	+89	Gordon Castle	1·3	—	9	—	—	—	—	—	—
Aberdeen	Aberdeen ... ¶	46	t	61	17, 22	46	17th	58·7	50·7	54·5	—	7	1·50	38	+23	Aberdeen §	2·0	− 2·8	14	0	36	—	—	54·1	− 0·2
	Balmoral ... ¶	930	a	60	17th	35	17th	54·9	45·0	49·7	− 3·2	7	2·76	70	+53	Balmoral ...	—	—	—	1	30	—	—	—	—
Perth	Crieff ... ¶	478	p	64	22nd	40	17th	58·3	47·3	52·5	− 4·1	7	1·59	40	+17	(Kinc.)Crathes §	1·5	− 2·9	10	0	33	55·7	—	52·7	—
Forfar	Dundee	147	a	62	22nd	43	17th	59·9	49·6	54·4	—	5	0·99	25	—	Dundee §.	1·2	—	8	0	39	57·4	—	—	—
Fife	Inchkeith ... ¶	190	t	60	18th	46	17th	56·9	50·1	53·3	—	6	1·31	33	—	Inchkeith ...	1.7	—	12	0	34	—	—	—	—
Midlothian	Edinburgh ...	441	p	61	22nd	46	17th	58·1	49·6	53·6	− 2·5	7	1·03	26	+11	Edinburgh §	1·4	− 3·3	10	0	37	—	—	—	—
Peebles	West Linton ¶	770	a	64	17th	32	17th	60·4	45·7	52·6	− 0·6	7	1·23	31	—	West Linton...	—	—	—	0	31	—	—	—	—
Berwick	Marchmont ¶	498	a	62	21st	42	17th	59·7	47·4	53·2	− 2·3	5	1·21	31	+13	Marchmont §	1·0	− 3·7	7	—	—	—	—	—	—
6a. SCOTLAND, W.																									
Argyle	Ford ... ¶	149	a	62	22nd	41	18th	58·9	43·4	53·3	—	6	1·18	30	—	Ford ...	—	—	—	0	38	57·0	—	56·2	—
Renfrew	Renfrew ... ¶	36	t	66	22nd	38	17th	59·7	47·9	53·5	—	6	0·81	21	—	Renfrew ...	2·6	—	18	0	33	—	—	—	—
Bute	Rothesay ... ¶	200	p	62	22nd	47	18, 19	58·0	48·7	53·1	− 3·3	7	1·12	29	0	Rothesay §	2·5	− 1·2	17	0	40	56·6	—	55·3	− 0·8
Ayr	Kilmarnock ¶	90	a	65	22nd	41	17th	61·0	48·6	54·4	− 1·0	5	0·93	23	0	Kilmarnock ...	2·3	—	16	—	—	55·8	—	54·9	—
	Colmonell... ¶	170	a	63	19, 22	45	17th	61·0	50·9	55·7	+0·2	5	1·41	36	+12	Colmonell ...	—	—	—	0	41	—	—	—	—
Dumfries	Dumfries ... ¶	140	p	62	19, 23	43	17th	59·9	48·4	53·8	− 3·3	5	1·43	36	+14	Dumfries ...	3·6	—	25	0	37	56·8	− 2·9	55·8	− 2·8
	Eskdalemuir ...	794	t	59	18, 19, 22	42	17th	57·6	46·9	51·9	—	7	1·48	37	—	Eskdalemuir §	1·8	− 2·1	12	0	39	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 8 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	61	19th	49	19th	58·6	50·7	54·4	− 2·2	7	1·54	39	+16
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	65	22nd	45	17th	61·4	47·7	54·1	− 1·1	6	1·55	39	+19
	Tynemouth ¶	118	t	63	21st	48	17th	59·9	50·4	54·9	− 2·0	7	1·44	37	+19
Durham	Durham ... ¶	336	p	63	18, 19, 22	45	17th	60·6	47·7	53·8	− 3·2	5	1·12	28	+12
York,	Rounton ... ¶	249	p	64	22nd	44	17, 19	61·0	47·6	53·9	− 2·6	6	1·46	37	+19
N. Riding	West Witton ...	605	a	63	21st	43	17th	59·4	48·6	53·7	—	7	0·91	23	—
	Scarborough ¶	118	h	65	19, 22	47	19, 20	62·3	49·6	55·6	− 2·7	5	0·67	17	− 1
	York ... ¶	56	p	65	18th	44	20th	62·0	49·1	55·2	− 3·5	6	0·85	22	+ 6
E. Riding	Spurn Head ¶	26	t	67	20th	49	20th	64·0	51·1	57·2	− 1·9	6	0·81	21	+ 7
Lincoln	Lincoln ... ¶	58	a	67	17th	46	17, 20	64·9	48·9	56·4	− 2·9	5	0·64	16	0
	Cranwell ... ¶	236	t	66	19, 20	46	17th	64·0	48·9	56·0	− 3·2	4	0·61	15	− 2
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	67	20, 22	45	20th	65·9	49·6	57·3	− 2·3	4	0·43	11	− 2
	Yarmouth ... ¶	13	t	68	22nd	46	20th	65·7	50·3	57·5	− 2·2	5	0·54	14	− 2
	Norwich ... ¶	93	a	67	22nd	46	20th	65·6	50·4	57·5	− 2·3	7	0·85	22	+ 6
	Geldeston ... ¶	37	a	68	17th	45	20th	65·6	49·7	57·2	− 2·4	4	0·45	11	− 3
Cambridge	Cambridge ¶	41	p	68	17th	45	19th	64·9	48·7	56·3	− 3·8	7	0·82	21	+ 6
Hertford	Rothamsted ¶	420	a	66	17th	44	20th	62·9	48·6	55·3	− 3·6	7	0·62	16	0
Middlesex	Tottenham ¶	51	p	68	17th	48	20th	65·0	51·9	58·1	—	3	0·56	14	—
Essex	Clacton-on-Sea ¶	55	t	66	17, 23	50	19, 20	64·9	53·1	58·7	− 1·8	5	0·45	11	− 1
	Southend	90	h	69	17th	50	19, 20	66·1	51·9	58·6	—	5	0·59	15	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	63	21st	45	17th	60·0	47·9	53·6	− 3·3	7	0·89	23	+ 4
W. Riding	Sheffield	429	p	65	22nd	47	17, 20	61·3	49·4	55·0	—	7	1·00	25	+ 8
Derby	Buxton	987	p	62	22nd	43	17th	57·9	46·6	51·9	− 3·6	7	3·24	82	+53
Nottingham	Worksop(Hods'ck)¶	56	a	67	19th	44	20th	64·1	48·1	55·6	− 3·0	5	1·06	27	+12
	Nottingham ¶	192	a	65	17th	45	17th	62·7	48·1	55·0	− 3·5	6	0·59	15	0
Warwick	Birmingham (Edg)¶	525	t	64	17th	45	20th	61·0	48·0	54·1	− 4·6	7	0·93	24	+ 7
Northampton	Oundle ... ¶	147	a	66	17, 22	44	17, 19, 20	64·1	47·4	55·3	—	6	0·47	12	—
Oxford	Oxford ... ¶	208	p	65	17, 20	46	20th	63·9	49·9	56·5	− 3·5	6	0·55	14	− 1
Stafford	Cheadle ... ¶	646	a	63	22nd	46	17, 20, 22	60·9	47·0	53·5	− 3·7	7	2·44	62	+40
Worcester	Tenbury ... ¶	313	p	65	22nd	44	17, 20	63·0	48·0	55·1	− 3·0	7	1·13	29	+11
	Malvern	377	h	63	17th	48	20th	61·4	50·3	55·5	—	7	0·69	18	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	63	17, 18, 20	50	19th	62·0	51·7	56·5	− 4·6	7	2·84	72	+49
5. ENGLAND, S.E.															
London	Westminster ...	27	a	68	17th	47	20th	64·4	51·1	57·4	− 4·1	6	0·75	19	− 5
	Greenwich ‡ ...	149	a	70	17, 23	46	20th	68·1	50·3	58·7	− 2·8	7	0·46	12	− 2
	Hampstead ...	450	a	66	17th	46	20th	63·0	50·1	56·2	—	6	1·04	26	—
	Camden Square ...	110	a	70	17th	47	20th	66·0	51·3	58·2	− 3·8	7	1·04	26	+12
Surrey	Richmond (KewO)¶	18	t	69	17th	46	20th	64·7	51·2	57·6	− 2·9	7	0·86	22	+ 8
	Wisley ... ¶	150	a	68	17th	45	20th	65·0	49·4	56·7	− 3·1	6	0·85	21	+ 7
Kent	Tunbridge Wells ¶	354	h	66	17, 23	44	20th	64·3	49·1	56·2	− 3·6	6	0·58	15	+ 1
	Margate ... ¶	51	h	67	17th	49	19, 20	65·0	51·1	57·6	− 3·8	7	0·71	18	+ 5
	Dungeness ¶	21	t	65	18th	52	21, 23	63·4	53·7	58·3	− 2·5	7	1·86	47	+34
Sussex	St. Leonards ¶	178	h	65	23rd	50	19, 20	63·1	51·9	57·2	− 3·6	7	2·04	52	+37
	Worthing	36	h	65	17, 22	50	20th	64·2	52·3	57·9	—	7	0·69	18	—
I. of Wight	Ventnor ... ¶	59	a	64	17, 22	51	19th	63·0	53·4	57·9	− 3·8	7	0·75	19	+ 5
Hampshire	Southampton ¶	64	p	66	23rd	47	20th	63·6	51·1	57·0	− 4·5	6	0·72	18	+ 1
Wiltshire	Marlborough ¶	424	a	64	17, 20	45	20th	62·4	49·0	55·3	− 2·4	5	0·60	15	− 2
	Porton ¶	363	a	66	17th	42	20th	63·6	47·3	55·0	—	6	0·29	7	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	60	18, 22	47	17th	58·0	49·4	53·4	− 3·7	7	1·90	48	+20
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	61	17, 22	47	17th	59·3	50·1	54·4	− 2·8	7	3·63	92	+59
	Blackpool ¶	66	h	64	17th	48	17th	61·7	53·7	57·5	− 0·7	7	1·14	29	+ 5
	Southport ¶	37	h	63	17th	47	17th	61·2	52·7	56·7	− 1·7	6	1·70	43	+20
Manchester	Whitworth Pk. ¶	125	p	63	22nd	47	17th	60·7	49·7	54·9	− 4·3	7	1·96	50	+28
Cheshire	Liverp'l (Bidston) ¶	189	a	63	17th	50	17, 20, 21	60·7	51·0	55·6	− 3·3	7	1·52	39	+19
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	65	22nd	49	17th	62·6	51·4	56·7	− 2·9	6	1·12	29	+11
Carnarvon	Llandudno ¶	22	h	64	17th	50	17th	61·1	53·3	57·0	− 2·4	6	1·20	30	+10
Anglesey	Holyhead ¶	26	t	62	17, 21, 22	51	17th	60·7	52·7	56·5	− 1·9	5	0·56	14	− 7
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	62	18, 22	51	20th	61·0	52·7	56·6	—	6	0·85	22	—
Pembroke	St. Ann's Hd. ¶	150	t	59	17-23	52	21st	59·0	53·7	56·2	− 2·6	6	0·86	22	+ 1
Radnor	Rhayader ¶	757	a	60	17th	45	20th	58·3	48·3	53·0	—	7	2·08	53	—
Glamorgan	Cardiff ... ¶	202	p	63	20th	49	19, 20	61·6	50·4	55·7	− 3·9	6	2·78	71	+44
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	65	17, 20	44	20th	63·1	50·6	56·5	− 3·3	7	1·96	50	+32
Dorset	Shaftesbury ¶	722	a	63	17th	46	20th	61·0	48·9	54·6	− 4·2	7	1·22	31	+12
	Portland Bill ¶	19	t	62	17th	54	19th	60·6	55·7	58·0	− 2·6	3	0·31	8	− 5
Devon	Arlington ¶	613	a	61	22nd	45	20th	59·9	49·3	54·3	− 3·6	7	3·78	96	+63
	Cullompton ¶	202	a	66	20th	41	20th	63·4	48·4	55·5	− 3·9	7	2·20	56	+37
	Plymouth ¶	116	p	64	20, 22	51	19, 20	62·7	52·3	57·2	− 3·1	7	0·99	25	+ 6
Cornwall	Newquay ...	190	h	63	17th	47	20th	60·5	52·1	56·1	− 3·8	7	0·87	22	+ 4
	Falmouth ¶	167	h	64	20th	49	19, 20	62·6	51·6	56·8	− 3·0	7	1·39	35	+13
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	59	18, 19	47	17th	57·0	51·6	54·1	− 2·4	7	1·23	31	+10
Mayo	Blacksod Point ¶	10	t	60	18, 19	51	19th	58·9	52·7	55·6	− 1·7	6	0·92	23	− 5
	Mallaranny ...	120	a	64	17th	47	17th	61·1	50·6	55·5	—	7	1·81	46	—
Sligo	Markree Castle ¶	122	p	62	19th	41	19th	60·0	48·4	53·9	− 2·1	7	2·64	67	+41
Armagh	Armagh ... ¶	204	p	65	19th	45	19th	60·3	49·4	54·5	− 2·1	6	1·16	29	+ 8
Down	Donaghadee ¶	35	t	64	19th	47	19th	59·3	50·7	54·7	− 2·2	7	1·03	26	+ 6
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	64	19th	49	19th	66·7	50·6	55·4	− 3·5	7	0·80	20	0
King'sCounty	Birr Castle ¶	175	t	62	23rd	45	20th	60·3	48·4	54·0	− 3·4	7	0·93	24	0
Kilkenny	Kilkenny ¶	182	a	65	18th	44	20th	62·6	48·1	54·9	− 2·9	7	0·58	15	− 8
Waterford	Waterford ¶	137	a	64	18th	46	19th	63·0	49·9	56·1	− 2·3	6	0·42	11	− 14
	Seskin, Carrick-on-Suir	542	p	63	22nd	46	19th	61·6	48·3	54·6	—	7	0·93	24	—
Limerick	Foynes ... ¶	50	a	63	23rd	49	19th	60·9	51·0	55.7	− 2·4	7	1·33	34	+ 9
Kerry	Cahirciveen ¶	30	t	61	23rd	50	19, 20	59·1	52·0	55·3	− 3·3	6	1·50	38	+ 5
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	64	23rd	49	19th	62·0	50·9	56·1	− 2·6	7	1·06	27	+ 2
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	63	22nd	50	19, 20, 23	61·0	51·6	56·0	− 4·6	7	0·85	22	+ 6
Guernsey	Grange ... ¶	173	p	64	17, 21, 22	50	20th	62·7	53·0	57·6	− 4·6	6	1·31	33	+18
Jersey	St. Heliers ¶	28	h	64	17th	52	19, 20, 22	62·1	53·9	57·8	− 4·8	6	1·37	35	+20

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature, Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	5·0	− 0·5	35	0	46	—	—	—	—
Cockle Park §	2·3	− 2·5	16	0	38	54·2	− 2·4	54·5	− 1·1
Tynemouth ...	—	—	—	0	45	—	—	—	—
Durham §	3·5	− 0·9	24	0	34	—	—	—	—
Rounton ...	—	—	—	0	34	57·4	—	—	—
West Witton	—	—	—	0	38	55·6	—	53·9	—
Scarborough †§	4·7	− 0·3	33	0	40	—	—	58·3	—
York §	4·0	− 0·5	28	—	—	58·0	− 1·8	56·9	− 0·8
Spurn Head...	5·2	—	36	—	—	—	—	—	—
Lincoln ...	—	—	—	0	42	58·3	− 2·4	58·2	− 0·3
Cranwell §	6·2	+0·8	44	0	40	—	—	—	—
Skegness §	6·1	+0·4	43	—	—	—	—	—	—
Cromer §	5·7	+0·1	40	—	—	—	—	—	—
Yarmouth §	5·6	—	40	0	44	61·6	− 1·1	61·0	+0·4
Norwich ...	5·7	—	40	0	41	59·8	—	—	—
Geldeston §	5·6	+0·1	40	—	—	—	—	—	—
Cambridge §	5·9	+0·3	42	0	40	60·5	− 1·6	60·2	0·0
Rothamsted §	7·2	+1·7	51	0	38	57·5	—	—	—
Tottenham §	6·9	—	49	—	—	—	—	—	—
Clacton-on-Sea§	6·8	+0·4	48	0	47	60·5	− 1·1	60·4	0·0
Southend ...	7·4	—	52	0	48	62·2	—	—	—
Harrogate §	4·2	− 0·8	29	0	40	55·3	− 2·0	55·3	− 1·2
Sheffield §	3·8	− 1·0	27	0	41	56·7	− 2·1	56·2	0·0
Buxton ...	3·2	—	22	0	46	55·2	− 3·1	55·7	− 0·2
Worksop §	3·7	− 0·8	26	0	35	57·1	—	56·8	—
Nottingham §	4·3	− 0·9	30	0	42	57·1	− 2·7	58·6	− 0·6
Birmingham §	3·8	− 0·6	27	0	40	53·0	− 3·6	52·9	− 1·3
Oundle ...	6·9	—	48	0	38	58·8	—	57·9	—
Oxford §	5·6	− 0·1	39	0	42	—	—	—	—
Cheadle ...	—	—	—	0	47	—	—	—	—
Tenbury ...	—	—	—	0	37	57·3	—	—	—
Malvern ...	5.0	—	35	0	43	58·3	—	58·8	—
Ross on Wye§	4·7	—	33	0	40	58·3	—	58·7	—
Clifton §	5·2	− 0·5	37	0	48	—	—	—	—
Westminster	5·9	+0·8	42	0	42	—	—	—	—
Greenwich ...	6·7	+0·8	47	0	37	—	—	—	—
Hampstead ...	5·9	—	41	0	38	—	—	—	—
Camden Square	—	—	—	0	43	59·8	—	58·5	—
Richmond § (Kew Obs.)	6.0	+0·3	42	0	35	59·7	− 2·0	59·2	+0·2
Wisley §	5·9	+0·1	42	0	34	60·5	− 1·4	59·2	− 0·7
Tunbridge W'ls§	6·9	+0·7	49	0	34	60·9	—	60·3	—
Margate §	6·7	+0·8	47	0	44	61·6	− 1·7	63·2	+1·7
Folkestone §	6·2	—	44	0	44	—	—	60·0	—
St. Leonards §	6·3	− 0·3	44	0	45	63·0	—	61·5	—
Worthing §	6·5	− 0·2	46	0	47	62·4	− 1·0	60·9	− 0·1
Ventnor §	7·5	+1·1	53	—	—	—	—	—	—
Southampton§	7·5	+1·3	53	0	47	—	—	—	—
Marlborough§	6·1	+0·8	43	0	38	58·3	—	57·7	—
Porton ...	6·3	—	44	0	36	58·0	—	—	—
Aspatria §	3·1	− 1·8	21	0	44	54·9	− 3·5	53·8	− 2·0
Newton Rigg§	—	—	—	—	—	—	—	—	—
Stonyhurst §	4·1	− 0·5	29	0	42	—	—	—	—
Blackpool §	5·9	+0·3	41	0	43	58·9	—	56·7	—
Southport §	6·2	+0·7	43	0	43	60·9	− 1·2	60·7	− 0·3
Whitworth Pk.	2·8	− 1·2	20	—	—	—	—	—	—
Oldham Road	2·9	− 0·9	21	0	43	57·3	− 3·1	58·8	− 1·4
Bidston ...	5·7	—	40	0	45	—	—	—	—
(Ches.)Hoylake§	6·7	+1·5	47	—	—	—	—	—	—
Llandudno §	4·5	− 1·0	32	—	—	—	—	—	—
Holyhead ...	5·5	—	38	0	49	—	—	—	—
Aberystwyth§	3·6	− 1·9	26	—	—	—	—	—	—
St. Ann's Hd.§	5·2	− 0·8	37	—	—	—	—	—	—
Rhayader §	3·9	—	27	0	39	—	—	—	—
Cardiff ...	5·6	—	40	0	44	58·7	− 3·0	58·3	− 1·1
Bath ... §	4·9	− 1·2	35	—	—	61·1	—	60·4	—
Shaftesbury...	—	—	—	—	—	—	—	57·8	—
Weymouth ...	6·9	—	49	—	—	—	—	—	—
Arlington ...	—	—	—	0	44	—	—	—	—
Cullompton §	4·4	− 1·3	31	0	39	59·3	—	—	—
Plymouth §	6·5	+0·3	46	0	47	59·1	− 4·0	58·3	—
Newquay §	6·5	+0·2	46	—	—	59·1	—	58·3	—
Falmouth §	8·2	+1·6	58	0	47	62·1	—	61·8	—
Malin Head...	3·5	—	24	—	—	—	—	—	—
Mallaranny ...	5·2	—	36	—	—	—	—	—	—
MarkreeC'stle§	4·2	+0·1	30	—	—	60·2	− 0·2	57·0	− 0·4
Armagh §	4·0	− 0·2	28	0	44	58·1	− 2·0	56·5	− 1·4
Trinity Coll.	—	—	—	0	44	59·0	− 1·6	57·5	− 0·9
Phœnix Park §	5·2	+0·1	36	0	43	—	—	—	—
Dublin City ...	—	—	—	0	45	—	—	—	—
Birr Castle §	4·1	− 0·4	29	0	37	—	—	—	—
Seskin ...	4·8	—	34	0	43	—	—	—	—
Cahirciveen (Valencia O.)§	5·7	+0·8	40	0	46	—	—	—	—
Ballinacurra §	—	—	—	—	—	—	—	—	—
St. Mary's §	8·8	+2·1	63	—	—	—	—	—	—
Grange §	8·9	+1·4	64	0	48	62·3	− 1·6	62·1	− 0·2
St. Heliers §	7·5	+0·1	54	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, August 23rd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	18, 19	4	96	61	7	0	40	27	12	19	1	34	15	19	0	50
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of	action.														
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	40	115	13	0	310	19	9	18	9	33	15	19	9	50
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	39	113	16	0	280	20	9	19	11	31	14	19	11	35
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	26	119	23	0	300	17	8	18	15	38	17	18	14	45
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	46	100	21	1	280	21	9	18	16	36	16	18	15	40
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	57	91	20	0	270	24	11	19	9	39	17	19	11	40
York, E.R. Spurn Head ...	67	41	‡	—	0	17, 18	16	98	52	2	0	290	34	15	18	16	55	25	18	13	5
Lincoln Cranwell ...	280	43	31	—	0	17, 18	7	89	(68)	(4)	0	290	27	12	18	14	37	17	18	16	35
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	17	2	49	109	8	0	170	27	12	17	13	37	17	17	13	50
Essex Shoeburyness...	103	90	‡	—	0	17, 21	7	79	78	4	0	—	30	13	17	16	45	20	18	6	40
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	38	120	10	0	210	22	10	17	14	37	17	17	16	45
Surrey Croydon ...	284	40	24	—	0	—	0	48	120	0	0	210	22	10	17	16	43	19	17	15	40
Kent Lympne ...	409	70	‡	—	0	17, 21, 22	9	74	83	2	0	220	28	13	17	15	42	19	17	15	5
Hampshire Petersfield (Stoner Hill)...	811	42	‡			Instrument out	of action	part of	week.												
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	17, 18, 21	9	110	28	0	21	230	30	13	17	14	46	21	17	17	20
Wiltshire Larkhill ...	513	63	43	—	0	17	2	88	(78)	(0)	0	240	26	12	17	13	39	17	17	14	10
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	17 to 20	27	113	28	0	0	290	34	15	18	14	44	20	20	23	5
Lancashire Southport ...	80	62	48	—	0	17 to 21, 23	48	105	15	0	0	240	35	16	20	23	49	22	20	23	15
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	17, 18, 20, 23	27	119	22	0	0	290 / 290	31	14	17 / 18	23 / 5	40	18	17	23	0
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	17	5	67	85	3	8	—	29	13	17	18	42	19	17	18	35
Cornwall Pendennis Castle§...	256	65	24	—	0	17	11	57	98	2	0	230	32	14	17	18	45	20	17	19	45
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	17, 20, 21, 23	19	119	25	5	0	250	32	14	20	22	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	17, 20, 22, 23	12	134	21	1	0	—	26	12	20	19	37	16	20	21	55
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	17	4	130	34	0	0	260	30	13	17	6	52	23	17	6	55
Cork Weaver Pt. ...	160	30	‡	—	0	17	4	73	91	0	0	—	25	11	17	11	47	21	17	8	55
11a. SCILLY ISLES. St. Mary's ...	150	32	‡	17, 18	5	17, 18, 21, 23	39	123	1	0	0	270	45	20	17	18	57	25	17	18	20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	—	—	—	5	3	1·5	26	7	3·3	27	6	2·8	13	7	2·9	3	9	4·2	15	6	2·9	5	5	2·3
North	—	—	—	14	5	2·4	1	1	0·3	1	1	0·5	11	11	4·7	20	7	3·1	4	9	3·9	22	9	3·8
West	—	—	—	22	9	3·8	27	7	3·2	27	6	2·7	26	16	7·0	28	20	9·0	26	18	7·9	27	14	6·1
East	—	—	—	3	3	1·3	0	—	—	1	2	1·0	1	19	8·3	0	—	—	1	25	11·1	0	—	—
Calm (or wind-speed < 4 m.p.h.)	—	—	—	3	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director.

28th August, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

141

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 35.

THIRTY-FIFTH WEEK.
SUNDAY, AUGUST 24TH TO SATURDAY, AUGUST 30TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-FIFTH WEEK of 1924—August 24th to August 30th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	66	43	60·2	49·4	54·5	+1·5	87	+ 8	0	0	5	0	0·67	17	− 15	3·0	− 0·3	21	1007
Eastern.																			
1. SCOTLAND, EAST ...	73	37	60·2	47·5	53·5	− 0·5	81	− 6	0	0	5	0	0·57	14	− 7	3·1	− 1·3	22	1008
2. ENGLAND, N.E. ...	67	41	61·4	49·2	54·9	− 2·0	90	− 14	0	0	5	+ 1	0·66	17	+ 2	2·6	− 2·3	19	1011
3. ENGLAND, EAST ...	69	41	62·4	50·3	56·0	− 2·6	98	− 18	0	0	5	+ 1	0·81	21	+ 7	2·1	− 3·6	15	1013
4. MIDLAND COUNTIES	68	42	61·3	50·0	55·3	− 2·1	93	− 15	0	0	6	+ 2	0·77	20	+ 3	1·5	− 3·4	11	1012
5. ENGLAND, S.E. ...	69	42	63·0	51·2	56·8	− 2·8	104	− 19	0	0	5	+ 1	0·77	20	+ 3	2·3	− 3·6	17	1014
Western																			
6. SCOTLAND, WEST[1] ...	65	43	59·1	49·6	54·1	− 0·8	85	− 7	0	0	6	+ 2	1·28	33	+ 2	1·4	− 2·7	10	1009
7. ENGLAND, N.W.[2] ...	67	41	59·8	51·4	55·3	− 1·5	93	− 11	0	0	6	+ 2	0·80	20	− 3	1·6	− 2·9	12	1011
8. ENGLAND, S.W.[3] ...	66	46	61·1	52·8	56·7	− 1·4	104	− 9	0	0	5	+ 1	0·87	22	− 2	2·4	− 3·0	18	1014
9. IRELAND, NORTH ...	67	45	60·1	51·3	55·4	− 0·1	94	− 1	0	0	7	+ 2	1·21	31	+ 8	1·9	− 1·7	14	1010
10. IRELAND, SOUTH ...	69	48	61·9	52·7	57·1	− 0·1	106	0	0	0	6	+ 2	0·70	18	− 2	2·2	− 2·1	16	1014
11. CHANNEL ISLANDS[4]	63	53	62·0	55·5	58·6	− 2·1	116	− 15	0	0	5	+ 1	0·60	15	− 1	3·7	− 2·7	27	1017
MEAN: DISTRICTS 1-10	73	37	61·0	50·6	55·5	− 1·4	95	− 10	0	0	6	+ 1	0·84	21	+ 1	2·1	− 2·7	15	1012

THE SEASON (Summer).—Aggregates, &c., for the Period of 13 Weeks, June 1st to August 30th, 1924.

0. SCOTLAND, NORTH...	81	31	59·4	48·7	53·7	− 0·3	1068	− 30	4	+ 3	65	+ 8	12·44	316	+54	4·5	+ 0·2	27	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	29	61·3	47·8	54·1	− 1·3	1108	−115	6	+ 5	63	+13	10·14	257	+49	4·5	− 0·7	28	1008
2. ENGLAND, N.E. ...	87	32	64·7	50·1	56·9	− 0·6	1359	− 45	0	0	49	+ 5	7·55	192	+12	5·5	− 0·2	34	1011
3. ENGLAND, EAST ...	87	35	67·4	51·9	59·1	− 0·2	1557	− 19	0	0	44	+ 2	6·80	172	+ 9	6·6	+ 0·1	42	1013
4. MIDLAND COUNTIES	87	33	65·9	50·0	57·4	− 1·3	1404	−110	0	0	51	+ 9	8·86	227	+46	5·2	− 0·6	33	1012
5. ENGLAND, S.E. ...	86	34	66·4	51·8	58·6	− 1·5	1516	−126	0	0	45	+ 5	8·47	216	+56	7·0	+ 0·2	45	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	30	61·4	49·6	55·2	− 1·1	1197	−115	0	0	64	+13	11·99	305	+32	4·3	− 1·1	27	1010
7. ENGLAND, N.W.[2] ...	85	33	62·5	51·5	56·7	− 1·1	1335	−102	0	0	59	+12	10·66	271	+40	4·8	− 1·0	30	1011
8. ENGLAND, S.W.[3] ...	84	33	63·4	51·9	57·3	− 1·4	1389	−133	0	0	50	+ 4	11·60	295	+73	5·3	− 1·1	34	1013
9. IRELAND, NORTH ...	73	38	61·3	50·8	55·7	− 0·8	1247	− 72	0	0	73	+15	11·46	290	+44	3·5	− 1·3	22	1010
10. IRELAND, SOUTH ...	75	39	63·1	51·9	57·2	− 0·9	1379	− 88	0	0	69	+19	11·43	291	+50	4·0	− 1·3	26	1012
11. CHANNEL ISLANDS[4]	83	46	63·7	54·3	58·7	− 1·6	1519	−145	0	0	48	+ 4	6·80	172	+ 6	7·0	− 0·7	46	1015
MEAN: DISTRICTS 1-10	87	29	63·7	50·7	56·8	− 1·0	1349	− 93	1	+ 1	57	+10	9·90	252	+41	5·1	− 0·7	32	1011

THE YEAR. Aggregates, &c., for the Period of 35 Weeks, December 30th, 1923, to August 30th, 1924.

0. SCOTLAND, NORTH...	81	12	51·3	41·0	45·9	− 0·1	1412	− 96	448	− 68	160	− 1	29·39	747	− 45	3·4	− 0·2	25	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·7	39·6	45·4	− 1·1	1442	−254	608	+24	154	+16	20·61	524	+23	3·6	− 0·7	26	1010
2. ENGLAND, N.E. ...	87	16	54·0	41·3	47·4	− 0·7	1839	−100	516	+66	120	− 4	17·15	435	+33	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	55·8	42·7	49·0	− 0·2	2182	− 48	476	+ 9	119	− 1	17·28	437	+58	5·0	0·0	37	1013
4. MIDLAND COUNTIES	87	15	55·5	41·2	48·1	− 0·8	2006	−178	516	+22	127	+ 8	20·68	526	+97	4·0	− 0·5	30	1013
5. ENGLAND, S.E. ...	86	17	56·1	43·1	49·3	− 0·9	2197	−174	398	+41	119	+ 3	20·11	512	+103	5·3	+ 0·1	40	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·0	41·3	46·9	− 1·1	1656	−211	453	+63	152	+ 7	27·63	700	− 30	3·6	− 0·8	27	1011
7. ENGLAND, N.W.[2] ...	85	21	53·8	43·1	48·2	− 0·6	1884	−147	366	+ 6	143	+13	23·03	584	+34	4·1	− 0·5	30	1012
8. ENGLAND, S.W.[3] ...	84	14	54·9	43·7	49·1	− 0·9	2041	−197	309	+25	131	+ 2	27·15	688	+102	4·4	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	53·8	43·1	48·3	− 0·3	1820	−115	287	− 26	171	+12	25·90	657	+46	3·5	− 0·5	26	1010
10. IRELAND, SOUTH ...	75	21	55·5	44·3	49·7	− 0·5	2114	−128	226	− 16	159	+19	26·48	672	+35	3·8	− 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	56·0	47·3	51·5	− 0·6	2403	−175	88	− 12	134	+ 1	20·55	523	+52	5·5	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	54·4	42·3	48·1	− 0·7	1918	−155	415	+21	139	+ 7	22·60	573	+50	4·1	− 0·5	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Deficient	Deficient	Moderate	Deficient	Moderate	Moderate	Moderate	Moderate	Moderate	Deficient
	Rainfall ..	Light	Moderate	Moderate	Heavy	Moderate	Moderate	Moderate	Moderate	Moderate	Heavy	Moderate	Moderate
	Sunshine ..	Moderate	Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

SUMMER. 13 weeks from June 1st, 1924	Warmth ..	**3**, 8, **2**	**0**, 8, **5**	**2**, 6, **5**	**3**, 6, **4**	**1**, 8, **4**	**0**, 5, **8**	**0**, 9, **4**	**0**, 9, **4**	**0**, 7, **6**	**0**, 10, **3**	**0**, 11, **2**	**0**, 6, **7**
	Rainfall ..	**5**, 4, **4**	**4**, 7, **2**	**5**, 5, **3**	**5**, 5, **3**	**6**, 4, **3**	**6**, 5, **2**	**4**, 7, **2**	**5**, 6, **2**	**6**, 5, **2**	**6**, 5, **2**	**4**, 7, **2**	**5**, 4, **4**
	Sunshine ..	**7**, 3, **3**	**2**, 5, **6**	**3**, 5, **5**	**5**, 4, **4**	**2**, 5, **6**	**5**, 5, **3**	**0**, 3, **10**	**1**, 6, **6**	**1**, 7 **5**	**0**, 5, **8**	**0**, 5, **8**	**3**, 4, **6**

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over our Islands during the week was dull and unsettled. Rain fell on most days and in several places thunder occurred. The total amount of rainfall for the week varied a good deal but in several Districts it was in excess of the normal. Among the largest amounts recorded were 42mm. at Mallarany (Mayo) on the 27th, and 19mm. at several places on the 28th, 23mm. at Arlington (Devon) on the 29th and 21mm. at Ford (Argyll) on the 30th. The highest temperatures occurred during the second half of the week in most parts of the country and at a few stations maximum temperatures round about 70°F. were recorded, the highest, 73°F., being registered at Gordon Castle (Elgin) on the 30th. The nights were fairly warm in some parts, and at one or two places in the south-west of England temperature did not fall below 55°F. The lowest of the screen minima, 37°F., occurred at Balmoral on the 27th, and on the same date Rounton (N. Riding) had a grass temperature of 30°F. The mean temperature for the week was slightly in excess of the normal in some parts of Scotland and Ireland, but over England it was below normal. The total amount of sunshine for the week was considerably below the normal in practically all parts of the country. The departure of the mean daily duration of sunshine from the normal ranged from +0·8 hr. at Deerness (Orkneys) to −4·5 hrs. at Cambridge. Solar halos were observed at Dublin on the 25th, at Aberdeen on the 26th and 28th and at Oxford on the 29th and 30th.

As will be seen from the table on page 141 the rainfall for the summer season was in excess of the normal. The mean temperature and sunshine may be classified as moderate.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	*t*	61	30th	49	27th	59·3	50·9	54·9	+3·7	5	0·32	8	− 16
Orkneys	Deerness	160	*p*	65	28th	46	27th	58·9	49·9	54·1	+2·1	4	0·18	5	− 18
Hebrides	Stornoway ¶	51	*t*	62	30th	47	27th	58·7	49·0	53·6	+0·9	7	0·83	21	− 11
	Castlebay	37	*t*	58	29th	50	26th	56·6	52·4	54·4	—	7	1·36	35	—
Caithness	Wick ... ¶	81	*t*	59	24, 29, 30	43	27th	57·9	49·0	53·2	+0·6	3	0·25	6	− 15
Ross and Cromarty	Strathpeffer ¶	125	*a*	66	30th	44	28th	62·7	48·6	55·2	+1·3	4	0·18	5	− 14
	Achnashellach ¶	225	*h*	64	29, 30	45	28th	60·3	49·0	54·3	—	6	1·50	38	—
Inverness	Inverness	242	*h*	66	29, 30	46	28th	60·7	49·3	54·7	—	4	0·91	23	—
	Fort Augustus ¶	68	*a*	65	27, 30	44	28th	61·9	47·7	54·4	+0·5	5	0·51	13	− 14
	Onich ... ¶	48	*h*	64	27th	49	24, 29	60·7	51·6	55·9	—	7	1·11	28	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	67	30th	45	28th	61·1	48·3	54·3	+0·3	6	0·80	20	+ 2
Elgin	Gordon Castle ¶	101	*p*	73	30th	43	27th	63·1	47·7	54·9	+0·6	2	0·12	3	− 19
Aberdeen	Aberdeen ... ¶	46	*t*	63	29, 30	42	27th	60·0	48·6	54·0	—	4	0·22	5	− 14
	Balmoral ... ¶	930	*a*	62	29, 30	37	27th	58·3	42·9	50·1	− 1·1	6	0·14	4	− 17
Perth	Crieff ... ¶	478	*p*	64	27th	42	27th	59·9	47·7	53·4	− 1·6	6	0·90	23	− 4
Forfar	Dundee	147	*a*	65	27th	43	27th	61.7	47·9	54·4	—	4	0·34	9	—
Fife	Inchkeith ... ¶	190	*t*	61	27, 29	46	27th	58·4	50·3	54·1	—	4	1·14	29	—
Midlothian	Edinburgh ...	441	*p*	63	29th	45	27th	59·4	49·9	54·4	− 0·2	6	0·73	19	+ 1
Peebles	West Linton ¶	770	*a*	63	30th	41	27th	59·4	47·0	52·8	+1·3	7	0·70	18	—
Berwick	Marchmont ¶	498	*a*	69	30th	42	27th	61·3	47·6	54·0	+0·1	5	0·53	13	− 9
6*a*. SCOTLAND, W.															
Argyle	Ford ... ¶	149	*a*	63	30th	45	27th	58·7	49·0	53·6	—	7	2·48	63	—
Renfrew	Renfrew ... ¶	36	*t*	63	27th	43	28th	60·3	48·7	54·2	—	5	0·54	14	—
Bute	Rothesay ... ¶	200	*p*	61	27th	46	27th	58·7	49·3	53·7	− 1·3	7	1·63	41	+ 7
Ayr	Kilmarnock ¶	90	*a*	65	30th	46	27th	60·4	50·0	54·9	+1·0	6	1·43	36	+ 9
	Colmonell... ¶	170	*a*	63	30th	49	27. 28	58·4	51·3	54·6	+0·3	7	1·17	30	+ 1
Dumfries	Dumfries ... ¶	140	*p*	64	30th	43	27th	59·6	48·0	53·5	− 2·0	5	0·47	12	− 12
	Eskdalemuir ...	794	*t*	61	27, 30	39	28th	57·4	46·1	51·4	—	6	1·33	34	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	5·1	—	36	—	—	—	—	—	—
Deerness §	4·2	+0·8	30	—	—	—	—	—	—
Stornoway §	2·4	− 1·4	17	—	—	—	—	—	—
Castlebay ...	1·3	—	10	—	—	—	—	—	—
Achnashellach	—	—	—	0	35	—	—	—	—
Inverness §	2·4	—	17	0	42	—	—	—	—
Onich ...	1·2	—	9	0	42	—	—	—	—
Nairn §	2·9	—	20	—	—	—	—	—	—
Gordon Castle	4·2	—	29	—	—	—	—	—	—
Aberdeen §	4·4	− 0·1	31	0	36	—	—	53·9	− 0·1
Balmoral ...	—	—	—	0	31	—	—	—	—
(Kinc.)Crathes §	4·1	0·0	29	0	33	54·4	—	52·4	—
Dundee §	1·6	—	11	0	36	57·0	—	—	—
Inchkeith ...	2·6	—	19	0	41	—	—	—	—
Edinburgh §	2·8	− 1·6	20	0	42	—	—	—	—
West Linton...	—	—	—	0	38	—	—	—	—
Marchmont §	2·7	− 1·7	19	—	—	—	—	—	—
Ford ...	—	—	—	0	40	56·4	—	55·5	—
Renfrew ...	2·2	—	16	0	34	—	—	—	—
Rothesay §	1·9	− 2·0	13	0	39	55·3	—	55·0	− 0·8
Kilmarnock ...	1·8	—	13	—	—	55·4	—	54·5	—
Colmonell ...	—	—	—	0	45	—	—	—	—
Dumfries ...	1·8	—	13	0	33	56·1	− 2·3	55·2	− 3·0
Eskdalemuir §	1·1	− 2·1	8	0	36	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	61	30th	48	27th	57·9	50·6	54·0	- 1·3	7	1·22	31	+ 3
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	67	29th	42	27th	61·1	47·1	53·7	- 0·7	3	0·34	9	- 9
	Tynemouth ¶	118	t	66	29th	45	27th	61·1	50·4	55·4	- 0·8	4	0·41	10	- 6
Durham	Durham ... ¶	336	p	65	30th	42	27, 28	60·6	47·4	53·6	- 2·5	5	0·35	9	- 6
York, N. Riding	Rounton ... ¶	249	p	65	30th	41	27th	60·7	47·3	53·6	- 2·1	7	0·43	11	- 5
	West Witton ...	605	a	64	30th	43	28th	60·3	48·1	53·8	—	6	0·40	10	—
	Scarborough ¶	118	h	65	29, 30	46	28th	63·1	51·1	56·7	- 0·9	4	0·21	5	- 11
	York ... ¶	56	p	65	30th	43	28th	61·6	49·3	55·1	- 2·7	6	0·52	13	- 1
E. Riding	Spurn Head ¶	26	t	64	28th	48	28th	60·9	51·7	56·0	- 2·4	6	1·09	28	+16
Lincoln	Lincoln ... ¶	58	a	66	30th	44	28th	62·1	49·1	55·2	- 3·2	7	1·44	37	+23
	Cranwell ... ¶	236	t	65	30th	43	28th	61·4	49·3	55·0	- 3·4	6	1·11	28	+13
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	65	28th	46	28th	61·7	50·8	55·9	- 2·9	6	0·47	12	- 1
	Yarmouth ... ¶	13	t	64	25th	42	28th	61·9	50·0	55·6	- 3·2	4	0·90	23	+ 7
	Norwich ... ¶	93	a	65	30th	42	28th	62·0	49·0	55·1	- 3·6	6	0·95	24	+ 8
	Geldeston ... ¶	37	a	67	30th	41	28th	63·2	48·4	55·4	- 3·2	7	0·91	23	+ 8
Cambridge	Cambridge ¶	41	p	68	30th	43	28th	63·3	50·0	56·3	- 2·7	6	1·04	26	+12
Hertford	Rothamsted ¶	420	a	67	30th	46	28th	61·0	50·3	55·3	- 2·5	6	0·74	19	+ 3
Middlesex	Tottenham ¶	51	p	69	30th	49	28th	64·3	53·1	58·4		4	0·64	16	—
Essex	Clacton-on-Sea ¶	55	t	64	29, 30	45	28th	62·1	51·1	56·3	- 3·2	5	0·84	21	+ 9
	Southend	90	h	67	29, 30	46	28th	64·7	50·6	57·2	—	5	0·65	17	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	63	30th	43	27th	59·6	47·9	53·4	- 2·4	6	1·26	32	+13
	Sheffield	429	p	64	30th	46	27th	60·0	50·7	55·1	—	6	0·65	16	- 1
Derby	Buxton	987	p	63	30th	45	27, 28	57·1	48·4	52·5	- 1·8	7	1·89	48	+19
Nottingham	Worksop(Hods'ck)¶	56	a	66	29th	42	28th	62·7	48·3	55·1	- 2·3	6	0·82	21	+ 6
	Nottingham ¶	192	a	67	30th	46	28th	61·7	50·1	55·6	- 1·7	6	0·90	23	+ 8
Warwick	Birmingham (Edg)¶	525	t	65	30th	47	27th	60·3	50·6	55·2	- 2·4	6	0·61	15	- 2
Northampton	Oundle ... ¶	147	a	66	29th	44	28th	61·9	50·1	55·7	—	6	0·69	17	—
Oxford	Oxford ... ¶	208	p	68	30th	48	25, 28	63·1	50·9	56·6	- 2·1	6	0·74	19	+ 4
Stafford	Cheadle ... ¶	646	a	63	30th	46	25, 27, 28	58·6	48·7	53·4	- 2·7	7	0·95	24	+ 2
Worcester	Tenbury ... ¶	313	p	67	30th	42	27th	62·1	50·4	55·9	- 1·0	4	0·47	12	- 4
	Malvern	377	h	66	30th	48	27th	60·7	52·0	56·1	—	4	0·43	11	—
Hereford	Hereford ... ¶	291	a	—	—	—	—	—	—	—	—	—	—	—	—
Gloucester	Clifton ... ¶	225	a	64	30th	49	27th	61·3	52·7	56·7	- 3·2	3	0·47	12	- 10
5. ENGLAND, S.E.															
London	Westminster ...	27	a	68	30th	47	28th	63·3	52·6	57·6	- 2·9	4	0·67	17	+ 2
	Greenwich ‡ ...	149	a	70	29, 30	46	28th	65·9	51·4	58·2	- 2·2	4	0·62	16	+ 1
	Hampstead ...	450	a	66	30th	47	28th	61·4	50·9	55·8	—	4	0·74	19	—
	Camden Square ...	110	a	69	30th	48	28th	63·7	52·3	57·7	- 3·3	6	0·81	21	+ 5
Surrey	Richmond (KewO)¶	18	t	67	30th	48	28th	63·8	52·5	57·8	- 1·7	5	0·91	23	+ 7
	Wisley ... ¶	150	a	—	—	—	—	—	—	—	—	—	—	—	—
Kent	Tunbridge Wells ¶	354	h	67	30th	44	28th	63·7	50·1	56·5	- 2·4	5	0·75	19	+ 3
	Margate ... ¶	51	h	69	30th	52	24, 25, 28	63·4	53·7	58·3	- 2·4	4	0·49	13	- 2
	Dungeness ¶	21	t	65	25th	45	28th	63·0	51·4	56·9	- 3·2	4	0·62	16	0
Sussex	St. Leonards ¶	178	h	66	30th	47	28th	62·9	51·5	56·9	- 3·2	5	0·78	20	+ 2
	Worthing	36	h	65	29, 30	48	28th	63·2	52·4	57·5	—	5	1·03	26	—
I. of Wight	Ventnor ... ¶	59	a	64	26, 28, 30	51	24, 27	63·3	53·7	58·2	- 2·9	6	1·09	28	+11
Hampshire	Southampton ¶	64	p	66	30th	50	24, 28	63·4	51·0	56·8	- 3·7	6	1·06	27	+ 8
Wiltshire	Marlborough ¶	424	a	65	30th	45	27, 28	61·1	48·7	54·5	- 2·2	7	0·67	17	- 1
	Porton ¶	363	a	65	30th	42	24th	62·6	48·6	55·2	—	4	0·58	15	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	61	30th	45	27th	57·7	49·1	53·1	- 2·7	5	0·44	11	- 16
	Newton Rigg ¶	559	p	65	30th	41	27th	59·3	46·3	52·4	- 2·3	7	0·34	9	- 13
Lancashire	Stonyhurst ¶	377	a	62	30th	46	27th	58·6	49·9	54·0	- 1·9	7	1·18	30	- 2
	Blackpool ¶	66	h	65	30th	49	28th	60·6	53·3	56·7	- 0·3	7	1·04	26	+ 3
	Southport ¶	37	h	64	30th	51	24, 27, 28	59·9	53·3	56·4	- 0·7	7	1·00	25	+ 3
Manchester	Whitworth Pk. ¶	125	p	67	30th	48	27, 28	60·1	51·6	55·6	- 2·3	7	1·09	28	+ 7
Cheshire	Liverp'l (Bidston) ¶	189	a	64	30th	49	27th	59·4	52·6	55·8	- 1·8	7	1·07	27	+ 8
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	66	30th	50	27th	61·3	52·6	56·7	- 1·4	6	0·74	19	+ 3
Carnarvon	Llandudno ¶	22	h	66	30th	49	27th	61·0	53·1	56·8	- 1·5	5	0·41	11	- 8
Anglesey	Holyhead ¶	26	t	66	30th	51	27th	60·6	53·7	56·9	- 0·5	7	0·87	22	+ 1
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	62	28th	52	24, 27	60·3	54·7	57·3	—	7	0·82	21	—
Pembroke	St. Ann's Hd. ¶	150	t	60	25, 30	53	24, 25	58·9	54·4	56·5	- 1·4	3	0·91	23	0
Radnor	Rhayader ¶	757	a	62	30th	47	27th	57·7	50·4	53·8	—	6	0·64	16	-
Glamorgan	Cardiff ... ¶	202	p	64	30th	47	27th	61·4	52·4	56·6	- 1·6	3	0·71	18	- 10
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	66	30th	48	27th	62·3	52·9	57·3	- 1·2	5	0·43	11	- 8
Dorset	Shaftesbury ¶	722	a	63	30th	46	27th	60·0	50·3	54·9	- 2·7	6	0·98	25	+ 4
	Portland Bill ¶	19	t	63	27th	55	27th	61·3	56·6	58·8	- 0·9	3	0·52	13	- 1
Devon	Arlington ¶	613	a	62	26th	49	26th	59·7	51·7	55·5	- 1·3	7	2·35	60	+25
	Cullompton ¶	202	a	66	29th	46	27th	63·9	51·9	57·5	- 0·6	6	0·69	17	- 3
	Plymouth ¶	116	p	64	26th	51	27th	61·9	53·4	57·4	- 1·9	6	0·57	14	- 7
Cornwall	Newquay ... ¶	190	h	63	30th	55	27, 29	60·9	55·4	58·0	- 1·0	5	0·98	25	+ 4
	Falmouth ¶	167	h	66	26th	51	25th	63·4	54·0	58·4	- 0·4	6	0·88	22	- 2
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	60	30th	50	25, 27	58·0	51·3	54·5	- 1·1	7	1·01	26	+ 5
Mayo	Blacksod Point ¶	10	t	60	25, 28, 30	51	24, 26, 27	58·9	52·7	55·6	- 0·8	7	1·22	31	+ 2
	Mallaranny ...	120	a	62	29, 30	48	25th	60·4	51·1	55·5	—	7	3·10	79	—
Sligo	Markree Castle ¶	122	p	65	30th	48	27th	60·9	50·6	55·4	+0·6	7	2·15	55	+29
Armagh	Armagh ... ¶	204	p	67	30th	45	27th	62·0	50·6	56·0	+0·7	7	1·31	33	+12
Down	Donaghadee ¶	35	t	60	25, 26, 30	46	27th	58·9	50·6	54·5	- 1·3	7	0·74	19	0
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	65	30th	48	27th	61·6	52·1	56·6	- 1·1	5	0·28	7	- 8
King'sCounty	Birr Castle ¶	175	t	67	30th	49	27th	61·6	51·9	56·5	+0·4	7	0·85	22	+ 4
Kilkenny	Kilkenny ¶	182	a	67	30th	50	27th	62·7	51·9	57·0	+0·4	7	0·65	16	- 1
Waterford	Waterford ¶	137	a	66	30th	50	29th	63·1	52·1	57·3	+0·1	7	0·31	8	- 12
	Seskin, Carrick-on-Suir	542	p	67	30th	48	24th	62·3	51·0	56·3	—	6	0·30	8	—
Limerick	Foynes ... ¶	50	a	67	30th	51	24th	61·6	53·4	57·3	+0·2	7	1·12	29	+ 9
Kerry	Cahirciveen ¶	30	t	61	28, 30	51	26th	59·4	54·4	56·8	- 0·9	6	1·04	26	- 1
	Killarney ¶	174	a	69	29th	49	26th	63·7	53·2	58·1	+0·5	5	0·95	24	0
Cork	Roche's Point ¶	32	t	63	25, 30	50	24th	61·6	53·0	57·0	- 0·8	4	0·42	11	- 10
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	63	26, 27	53	26th	61·9	54·3	57·9	- 1·8	5	0·78	20	+ 3
Guernsey	Grange ... ¶	173	p	63	25, 27, 28	54	26, 27	62·1	55·7	58·7	- 2·6	5	0·69	17	+ 1
Jersey	St. Heliers ¶	28	h	63	25, 27, 30	54	27th	62·1	56·4	59·1	- 2·5	6	0·34	9	- 7

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	1·2	- 3·9	9	0	45	—	—	—	—
Cockle Park §	3·7	- 1·0	27	0	38	54·3	- 0·7	53·9	- 1·1
Tynemouth ...	—	—	—	0	42	—	—	—	—
Durham §	2·4	- 1·9	17	0	31	—	—	—	—
Rounton ...	—	—	—	1	30	56·4	—	—	—
West Witton	—	—	—	0	38	54·6	—	53·3	—
Scarborough †§	2·7	- 2·1	20	0	41	—	—	57·3	—
York §	1·9	- 3·5	14	—	—	57·2	- 1·7	56·5	- 1·1
Spurn Head...	2·7	—	20	—	—	—	—	—	—
Lincoln ...	—	—	—	0	41	56·8	- 2·6	57·2	- 1·0
Cranwell §	2·5	- 2·9	18	0	35	—	—	—	—
Skegness §	2·3	- 3·3	16	—	—	—	—	—	—
Cromer §	2·6	- 3·0	19	—	—	—	—	—	—
Yarmouth §	2·7	—	19	0	41	59·4	- 2·0	59·6	- 0·6
Norwich ...	1·9	—	14	0	38	58·0	—	—	—
Geldeston §	2·2	- 3·5	16	—	—	—	—	—	—
Cambridge §	1·1	- 4·5	8	0	40	59·2	- 1·7	59·4	- 0·5
Rothamsted §	1·5	- 4·1	11	0	40	56·6	—	—	—
Tottenham §	1·7	—	13	—	—	—	—	—	—
Clacton-on-Sea§	2·5	- 4·0	18	0	42	58·5	- 2·1	59·3	- 0·8
Southend ...	2·6	—	19	0	45	59·7	—	—	—
Harrogate §	1·9	- 2·9	14	0	38	54·8	- 1·5	54·6	- 1·4
Sheffield §	1·5	- 3.0	11	0	41	55·8	- 2·0	55·4	- 0·7
Buxton ...	1·2	—	8	0	46	54·1	- 3·0	54·8	- 1·0
Worksop §	1·1	- 3·1	8	0	35	56·0	—	55·8	—
Nottingham §	0·9	- 3·9	6	0	41	56·0	- 2·4	57·5	- 1·3
Birmingham §	1·1	- 3·0	8	0	43	52·8	- 2·7	52·3	- 1·7
Oundle ...	0·9	—	7	0	40	57·8	—	57·1	—
Oxford §	2·0	- 3·4	14	0	41	—	—	—	—
Cheadle ...	—	—	—	0	47	—	—	—	—
Tenbury ...	—	—	—	0	35	57·1	—	—	—
Malvern ...	2.2	—	16	0	43	58·0	—	58·1	—
Ross on Wye§	1·4	—	10	0	43	58·2	—	57·9	—
Clifton §	2·3	- 3·1	17	0	48	—	—	—	—
Westminster	1·4	- 3·5	10	0	42	—	—	—	—
Greenwich ...	1·4	- 4·2	10	0	35	—	—	—	—
Hampstead ...	1·5	—	11	0	38	—	—	—	—
Camden Square	—	—	—	0	45	58·4	—	57·9	—
Richmond § (Kew Obs.)	1·5	- 3·9	11	0	41	58·6	- 1·8	58·5	- 0·2
Wisley §	—	—	—	—	—	—	—	—	—
Tunbridge W'ls§	2·2	- 3·7	16	0	34	60·0	—	59·7	—
Margate §	2·9	- 2·8	21	0	50	60·7	- 1·3	61·6	+0·4
Folkestone §	2·5	—	18	0	42	—	—	59·6	—
St. Leonards §	2·6	- 3·7	19	0	43	61·3	—	60·8	—
Worthing §	2·5	- 3·9	18	0	44	60·8	- 1·4	60·1	- 0·7
Ventnor §	2·6	- 3·4	19	—	—	—	—	—	—
Southampton§	2·1	- 3·9	16	0	47	—	—	—	—
Marlborough§	1·4	- 3·6	10	0	42	58·0	—	57·0	—
Porton ...	1·4	—	10	0	38	57·4	—	—	—
Aspatria §	1·2	- 3·3	9	0	42	54·6	- 2·8	53·3	- 2·3
Newton Rigg§	2·4	- 1·9	17	0	32	—	—	—	—
Stonyhurst §	1·3	- 2·9	9	0	41	—	—	—	—
Blackpool §	1·4	- 3·6	10	0	39	58·2	—	56·3	—
Southport §	1·9	- 2·9	14	0	46	59·7	- 0·8	60·0	- 0·4
Whitworth Pk.	0·8	- 2·8	6	—	—	—	—	—	—
Oldham Road	0·7	- 2·9	5	0	44	57·1	- 2·0	58·1	- 1·8
Bidston ...	1·4	—	10	0	47	—	—	—	—
(Ches.)Hoylake§	2·1	- 2·6	15	—	—	—	—	—	—
Llandudno §	1·2	- 3·8	9	—	—	—	—	—	—
Holyhead ...	1·9	—	14	0	50	—	—	—	—
Aberystwyth§	1·3	- 3·9	9	—	—	—	—	—	—
St. Ann's Hd.§	1·9	- 3·5	14	—	—	—	—	—	—
Rhayader §	1·6	—	12	0	41	—	—	—	—
Cardiff ...	3·3	—	24	0	42	58·2	- 2·2	57·7	- 1·5
Bath ... §	1·7	- 3·9	12	—	—	60·3	—	59·9	—
Shaftesbury...	—	—	—	—	—	—	—	57·2	—
Weymouth ...	3·2	—	24	—	—	—	—	—	—
Arlington ...	—	—	—	0	46	—	—	—	—
Cullompton §	2·1	- 3·1	15	0	43	58·6	—	—	—
Plymouth §	3·4	- 2·3	25	0	48	58·5	- 3·3	58·0	—
Newquay §	3·3	- 2·5	25	—	—	58·9	—	58·0	—
Falmouth §	3·9	- 2·1	29	0	48	62·2	—	61·0	—
Malin Head...	1·7	—	12	—	—	—	—	—	—
Mallaranny ...	2·0	—	14	—	—	—	—	—	—
MarkreeC'stle§	1·7	- 1·9	13	—	—	58·9	- 0·6	56·9	- 0·3
Armagh §	2·1	- 1·8	15	0	43	57·7	- 1·2	56·2	- 1·3
Trinity Coll.	—	—	—	0	41	58·0	- 1·5	56·9	- 1·2
Phœnix Park §	1·8	- 2·7	13	0	44	—	—	—	—
Dublin City...	—	—	—	0	43	—	—	—	—
Birr Castle §	1·7	- 2·3	12	0	43	—	—	—	—
Seskin ...	2·2	—	16	0	46	—	—	—	—
Cahirciveen (Valencia O.)§	1·5	- 2·9	11	0	45	—	—	—	—
Ballinacurra §	3·9	- 0·4	28	—	—	—	—	—	—
St. Mary's §	3·8	- 2·2	28	—	—	—	—	—	—
Grange §	3·9	- 2·7	29	0	48	61·5	- 1·5	61·2	- 1·0
St. Heliers §	3·6	- 3·0	26	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, August 30th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed.	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	o	m.p.h m/s.	d. hr.	m.p.h m/s.	d. h. m
0. SCOTLAND, N.																
Shetlands Lerwick ...	310	42	‡	—	0	28	7	58	76	24	3	190	27 12	28 18	38 17	28 18 15
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of action.										
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	26	130	12	0	170	17 8	28 19	29 13	28 20 0
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	39	96	33	0	190	19 9	23 11	33 15	28 11 0
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	22	123	23	0	310	17 7	24 18	32 14	26 12 35
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	29	99	40	0	170	19 9	28 17	30 13	24 23 40 28 17 25
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	—	0	26	101	41	0	260	18 8	26 10	28 13	26 11 0
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	69	(80)	(19)	0	300	21 9	25 3	27 12	29 1 35
Lincoln Cranwell ...	280	43	31	—	0	—	0	35	95	38	0	200	17 8	29 1	30 13	27 16 35
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	—	0	—	0	28	81	59	0	190	21 9	29 12	28 13	29 11 35
Essex Shoeburyness...	103	90	‡	—	0	29	2	52	86	12	16	—	26 11	29 11	33 15	24 14 45
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	0	125	43	0	200	11 5	28 19	23 10	24 11 30
Surrey Croydon ...	284	40	24	—	0	—	0	8	152	8	0	190	15 7	29 8	25 11	24 16 20
Kent Lympne ...	409	70	‡	—	0	—	0	60	106	2	0	200	23 10	29 11	34 15	29 11 35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	13	98	4	53	220	16 7	28 18	27 12	28 18 55
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	81	82	5	0	210	20 9	28 18	33 15	24 12 28
Wiltshire Larkhill ...	513	63	43	—	0	—	0	51	100	2	15	280	20 9	24 10	30 13	24 13 30
7a ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	24, 27	20	82	45	21	0	300	32 14	24 18	38 17	24 18 35
Lancashire Southport ...	80	62	48	—	0	24, 26, 27	32	86	47	3	0	300	31 14	24 4	42 19	24 4 45
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	—	0	24	11	113	43	1	0	300	30 13	24 4, 5	42 19	28 16 27
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	28	1	48	99	18	2	—	26 12	28 20	33 15	29 0 25
Cornwall Pendennis Castle§...	256	65	24	—	0	28	5	34	109	20	0	200	31 14	28 20	41 18	28 19 40
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	24, 25	4	80	77	7	0	270	26 12	24 2	— —	— — —
Clare Quilty	100	40	‡	—	0	—	0	114	54	0	0	—	23 11	24 3	34 15	24 4 50
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	28	2	82	75	9	0	210	26 12	28 9	39 17	28 8 30
Cork Weaver Pt. ...	160	30	‡	—	0	28	3	52	111	2	0	—	26 12	28 14	40 18	28 13 50
11a. SCILLY ISLES.																
St. Mary's ...	150	32	‡	—	0	—	0	139	29	0	0	330	24 11	24 6	31 14	24 6 30

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	—	—	—	9	7	3·1	6	13	5·7	13	6	2·8	13	9	4·0	5	11	4·7	12	7	3·0	15	9	3·8
North	—	—	—	6	5	2·1	9	4	1·8	7	2	1·0	11	10	4·3	14	8	3·7	2	8	3·6	10	8	3·4
West	—	—	—	20	9	4·0	15	6	2·6	21	5	2·4	27	12	5·5	24	13	5·6	23	13	5·8	25	11	4·7
East	—	—	—	1	1	0·3	1	2	0·9	0	—	—	0	—	—	0	—	—	1	2	1·0	1	1	0·5
Calm (or wind-speed < 4 m.p.h.)	—	—	—	5	—	—	11	—	—	5	—	—	1	—	—	0	—	—	1	—	—	2	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	4	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director.

4th September, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

145

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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THIRTY-SIXTH WEEK.
SUNDAY, AUGUST 31ST TO SATURDAY, SEPTEMBER 6TH, 1924.

Price 9d. Net, Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-SIXTH WEEK of 1924—August 31st to September 6th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	72	39	63·1	50·7	56·6	+3·6	102	+24	0	0	2	− 3	0·29	7	− 16	6·3	+2·4	47	1015
Eastern.																			
1. SCOTLAND, EAST ...	70	29	63·7	47·7	55·3	+1·6	93	+10	0	0	3	− 1	0·14	3	− 8	5·4	+0·7	40	1015
2. ENGLAND, N.E. ...	70	48	64·2	53·6	58·6	+2·7	116	+18	0	0	3	0	0·12	3	− 8	3·3	− 1·7	24	1015
3. ENGLAND, EAST ...	71	50	65·0	55·4	60·0	+2·3	126	+15	0	0	3	0	0·54	14	+ 2	1·8	− 3·4	14	1014
4. MIDLAND COUNTIES	72	46	65·1	53·8	59·2	+2·5	120	+17	0	0	3	0	0·25	6	− 6	2·5	− 2·3	19	1015
5. ENGLAND, S.E. ...	72	47	65·5	54·5	59·8	+1·0	125	+ 8	0	0	3	0	0·15	4	− 11	2·5	− 3·2	19	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	39	64·2	52·2	57·9	+3·2	111	+21	0	0	3	− 1	0·26	7	− 14	4·4	− 0·2	33	1015
7. ENGLAND, N.W.[2] ...	69	44	64·2	53·4	58·6	+2·3	116	+16	0	0	3	− 1	0·25	6	− 10	4·1	− 0·9	31	1015
8. ENGLAND, S.W.[3] ...	71	47	64·5	54·2	59·1	+1·6	120	+11	0	0	3	− 1	0·39	10	− 7	3·6	− 1·7	27	1014
9. IRELAND, NORTH ...	69	43	63·2	53·3	58·1	+3·0	113	+21	0	0	3	− 1	0·17	4	− 13	4·1	− 0·2	31	1013
10. IRELAND, SOUTH ...	73	41	64·6	53·6	58·9	+2·2	118	+15	0	0	3	− 1	0·41	10	− 7	3·1	− 1·8	23	1014
11. CHANNEL ISLANDS[4]	68	53	64·3	56·0	60·0	− 0·5	126	− 3	0	0	2	− 1	0·14	4	− 10	4·9	− 1·4	37	1015
MEAN: DISTRICTS 1-10	73	29	64·4	53·2	58·5	+2·2	116	+15	0	0	3	− 1	0·27	7	− 8	3·5	− 1·5	26	1014

THE SEASON (Autumn).—Aggregates, &c., for the Period of 1 Week, August 31st to September 6th, 1924.

0. SCOTLAND, NORTH...	72	39	63·1	50·7	56·6	+3·6	102	+24	0	0	2	− 3	0·29	7	− 16	6·3	+ 2·4	47	1015
Eastern.																			
1. SCOTLAND, EAST ...	70	29	63·7	47·7	55·3	+1·6	93	+10	0	0	3	− 1	0·14	3	− 8	5·4	+ 0·7	40	1015
2. ENGLAND, N.E. ...	70	48	64·2	53·6	58·6	+2·7	116	+18	0	0	3	0	0·12	3	− 8	3·3	− 1·7	24	1015
3. ENGLAND, EAST ...	71	50	65·0	55·4	60·0	+2·3	126	+15	0	0	3	0	0·54	14	+ 2	1·8	− 3·4	14	1014
4. MIDLAND COUNTIES	72	46	65·1	53·8	59·2	+2·5	120	+17	0	0	3	0	0·25	6	− 6	2·5	− 2·3	19	1015
5. ENGLAND, S.E. ...	72	47	65·5	54·5	59·8	+1·0	125	+ 8	0	0	3	0	0·15	4	− 11	2·5	− 3·2	19	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	39	64·2	52·2	57·9	+3·2	111	+21	0	0	3	− 1	0·26	7	− 14	4·4	− 0·2	33	1015
7. ENGLAND, N.W.[2] ...	69	44	64·2	53·4	58·6	+2·3	116	+16	0	0	3	− 1	0·25	6	− 10	4·1	− 0·9	31	1015
8. ENGLAND, S.W.[3] ...	71	47	64·5	54·2	59·1	+1·6	120	+11	0	0	3	− 1	0·39	10	− 7	3·6	− 1·7	27	1014
9. IRELAND, NORTH ...	69	43	63·2	53·3	58·1	+3·0	113	+21	0	0	3	− 1	0·17	4	− 13	4·1	− 0·2	31	1013
10. IRELAND, SOUTH ...	73	41	64·6	53·6	58·9	+2·2	118	+15	0	0	3	− 1	0·41	10	− 7	3·1	− 1·8	23	1014
11. CHANNEL ISLANDS[4]	68	53	64·3	56·0	60·0	− 0·5	126	− 3	0	0	2	− 1	0·14		− 10	4·9	− 1·4	37	1015
MEAN: DISTRICTS 1-10	73	29	64·4	53·2	58·5	+2·2	116	+15	0	0	3	− 1	0·27	7	− 8	3·5	− 1·5	26	1014

THE YEAR. Aggregates, &c., for the Period of 36 Weeks, December 30th, 1923, to September 6th, 1924.

0. SCOTLAND, NORTH...	81	12	51·6	41·3	46·2	0·0	1514	− 72	448	− 68	162	− 4	29·68	754	− 61	3·5	− 0·1	26	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·1	39·8	45·7	− 1·0	1535	−244	608	+24	157	+15	20·75	527	+15	3·6	− 0·7	26	1010
2. ENGLAND, N.E. ...	87	16	54·3	41·7	47·7	− 0·6	1955	− 82	516	+66	123	− 4	17·27	438	+25	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	56·1	43·0	49·3	− 0·1	2308	− 33	476	+ 9	122	− 1	17·82	451	+60	4·9	− 0·1	37	1013
4. MIDLAND COUNTIES	87	15	55·8	41·6	48·4	− 0·7	2126	−161	516	+22	130	+ 8	20·93	532	+91	3·9	− 0·6	29	1013
5. ENGLAND, S.E. ...	86	17	56·3	43·5	49·6	− 0·9	2322	−166	398	+41	122	+ 3	20·26	516	+92	5·2	0·0	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·3	41·6	47·2	− 1·0	1767	−190	453	+63	155	+ 6	27·89	707	− 44	3·7	− 0·7	27	1011
7. ENGLAND, N.W.[2] ...	85	21	54·1	43·4	48·5	− 0·5	2000	−131	366	+ 6	146	+12	23·28	590	+24	4·1	− 0·5	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·1	44·0	49·4	− 0·8	2161	−186	309	+25	134	+ 1	27·54	698	+95	4·4	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·1	43·4	48·5	− 0·3	1933	− 94	287	− 26	174	+11	26·07	661	+33	3·6	− 0·5	26	1010
10. IRELAND, SOUTH ...	75	21	55·8	44·6	50·0	− 0·4	2232	−113	226	− 16	162	+18	26·89	682	+28	3·7	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	56·2	47·5	51·7	− 0·7	2529	−178	88	− 12	136	0	20·69	527	+42	5·5	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	54·7	42·7	48·4	− 0·6	2034	−140	415	+21	143	+ 7	22·87	580	+42	4·1	− 0·5	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Unusual	Unusual	Unusual	Moderate	Unusual	Unusual	Unusual	Unusual	Unusual	Moderate
	Rainfall ..	Light	Light	Light	Moderate	Light	Light	Light	Light	Light	Light	Light	Light
	Sunshine ..	Very Abundant	Abundant	Scanty	Very Scanty	Very Scanty	Very Scanty	Moderate	Moderate	Scanty	Moderate	Scanty	Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 1 week from August 31st, 1924	Warmth ..	1, 0, 0	0, 1, 0	1, 0, 0	1, 0, 0	1, 0, 0	0, 1, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	0, 1, 0
	Rainfall ..	0, 0, 1	0, 0, 1	0, 0, 1	0, 1, 0	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0. 0, 1	0, 0, 1
	Sunshine ..	1, 0, 0	1, 0, 0	0, 0, 1	0, 0, 1	0, 0, 1	0, 0, 1	0, 1, 0	0, 1, 0	0, 0 1	0, 1, 0	0, 0, 1	0, 0, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week over the country as a whole was cloudy and showery. There were bright intervals, and in many places sunshine values ranging between 11 hrs. and 13 hrs. were recorded. Among the largest measurements were 12·2 hrs at Douglas (Isle of Man) and 12·1 hrs. at Cockle Park (Northumberland) on September 3rd and 12·9 hrs. at Lerwick on the 5th, while on the 3rd and 4th Inverness had 12·8 hrs. and 12·5 hrs. and Crathes (Kincardine) 12·0 hrs. and 13·0 hrs. respectively. The total amount of sunshine for the week was in excess of the normal at two or three of our extreme northern stations but in other parts of the country it was below normal. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·7 hrs. at Stornoway to −4·1 hrs. at Cromer. Maximum temperatures of 70°F. or slightly above were obtained in places, the highest readings, 73°F., occurring at Killarney on Sept 2nd and at South Farnborough on the 6th. A screen minimum temperature of 29°F. was recorded at Balmoral on September 5th, but at a number of places in various parts of our Islands the screen minimum temperatures did not fall below 50°F., and at a few stations the lowest readings of the week were round about 55°F. The mean temperature for the week was above the normal in all Districts with the exception of the Channel Islands, where it was slightly below. Among the largest amount of rainfall recorded were 31mm. at Norwich on September 4th., 16mm. at Rhayader (Radnor) on the 5th and 23mm. at Seskin (Carrick-on-Suir), 19mm. at Cahirciveen (Valencia Observatory) and 18mm. at Cullompton (Devon) on the 6th. The total amount of rainfall for the week was slightly in excess of the normal in England E., but below normal in all other Districts. Thunderstorms occurred in a few places, notably on August 31st. Solar halos were observed at Aberdeen and Oxford on September 5th and at Stonyhurst on the 6th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	64	4, 5	49	2nd	61·4	53·4	57·2	+5·8	1	0·01	0·3	− 18
Orkneys	Deerness	160	p	64	4th	49	5th	60·6	51·6	55·9	+3·7	3	0·18	5	− 12
Hebrides	Stornoway ¶	51	t	67	3rd	40	4th	63·7	50·0	56·5	+3·7	2	0·23	6	− 17
	Castlebay	37	t	63	6th	53	2nd	59·7	55·3	57·4	—	2	0·12	3	—
Caithness	Wick ... ¶	81	t	61	1st	48	5th	57·7	51·0	54·2	+1·5	2	0·12	3	− 12
Ross and Cromarty	Strathpeffer ¶	125	a	72	3rd	39	5th	66·0	48·4	56·8	+3·0	2	0·34	9	− 4
	Achnashellach ¶	225	h	72	3rd	42	4th	65·1	49·4	56·9	—	2	0·38	10	—
Inverness	Inverness	242	h	72	6th	43	4, 5	66·1	48·3	56·8	—	1	0·07	2	—
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	71	3rd	45	5th	65·6	51·9	58·4	—	2	0·65	17	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	68	3rd	40	4, 5	64·1	47·4	55·4	+1·7	3	0·25	6	− 4
Elgin	Gordon Castle ¶	101	p	70	3rd	39	4, 5	67·1	47·6	56·9	+2·8	2	0·16	4	− 8
Aberdeen	Aberdeen ... ¶	46	t	67	3rd	42	4th	63·0	51·1	56·8	—	3	0·14	3	− 7
	Balmoral ... ¶	930	a	65	3rd	29	5th	62·6	39·7	50·6	− 0·3	3	0·14	4	− 7
Perth	Crieff ... ¶	478	p	66	2nd	42	2nd	63·3	48·7	55·7	+1·1	2	0·12	3	− 11
Forfar	Dundee	147	a	68	3rd	48	4th	65·9	51·3	58·3	—	2	0·06	1	—
Fife	Inchkeith ... ¶	190	t	64	2nd	51	2, 4, 5	60·3	52·6	56·3	—	1	0·05	1	—
Midlothian	Edinburgh ...	441	p	64	31st	48	4, 5	60·7	51·3	55·8	+1·4	3	0·07	2	− 7
Peebles	West Linton ¶	770	a	67	3, 4, 5	36	6th	65·4	43·7	54·0	+2·9	4	0·17	4	—
Berwick	Marchmont ¶	498	a	66	31st	42	4th	63·7	50·6	56·8	+3·2	2	0·06	1	− 10
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	68	3rd	47	3rd	63·6	50·7	56·8	—	2	0·55	14	—
Renfrew	Renfrew ... ¶	36	t	67	2, 3	39	4th	64·3	51·1	57·4	—	3	0·23	6	—
Bute	Rothesay ... ¶	200	p	67	3rd	50	4th	62·0	52·3	56·9	+2·0	4	0·30	8	− 16
Ayr	Kilmarnock ¶	90	a	72	3rd	42	4th	66·0	51·6	58·5	+4·7	4	0·32	8	− 10
	Colmonell... ¶	170	a	71	3rd	47	4th	64·6	52·9	58·5	+4·1	1	0·12	3	− 17
Dumfries	Dumfries ... ¶	140	p	69	2, 3	48	4th	66·0	52·4	58·9	+3·6	3	0·14	4	− 12
	Eskdalemuir ...	794	t	66	2, 3	45	2nd	63·1	49·0	55·7	—	4	0·19	5	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	7·2	—	53	—	—	—	—	—	—
Deerness §	4 5	+0·5	33	—	—	—	—	—	—
Stornoway §	7·1	+2·7	52	—	—	—	—	—	—
Castlebay ...	4·4	—	32	—	—	—	—	—	—
Achnashellach	—	—	—	1	29	—	—	—	—
Inverness §	7·4	—	54	0	33	—	—	—	—
Onich ...	6·0	—	44	0	45	—	—	—	—
Nairn §	7·5	—	55	—	—	—	—	—	—
Gordon Castle	6·4	—	47	—	—	—	—	—	—
Aberdeen §	5·0	+0·2	37	0	40	—	—	53·7	+0·1
Balmoral ...	—	—	—	2	28	—	—	—	—
(Kinc.)Crathes §	5·6	+1·2	42	0	31	54·7	—	52·1	—
Dundee §	5·2	—	39	0	44	57·6	—	—	—
Inchkeith ...	5·5	—	41	0	44	—	—	—	—
Edinburgh §	4·6	− 0·1	34	0	43	—	—	—	—
West Linton...	—	—	—	0	32	—	—	—	—
Marchmont §	4·6	− 0·2	34	—	—	—	—	—	—
Ford ...	—	—	—	0	41	57·3	—	55·5	—
Renfrew ...	4·5	—	33	0	34	—	—	—	—
Rothesay §	4·7	+1·1	35	0	47	57·6	—	55·0	− 0·3
Kilmarnock ...	4·8	—	36	—	—	56·5	—	54·3	—
Colmonell ...	—	—	—	0	41	—	—	—	—
Dumfries ...	4·8	—	36	0	41	58·0	+0·8	55·2	− 2·4
Eskdalemuir §	4·3	− 0·2	32	0	43	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
6b. ISLE OF MAN.														
I. of Man	Douglas ... ¶	284	h	65	3, 4	52	3, 4	63·1	54·1	58·4	+3·1	1	0·19	5
2. ENGLAND, N.E.														
Northumberland	Cockle Park ¶	324	p	67	1, 3	48	4th	64·7	51·4	57·7	+4·3	2	0·14	4
	Tynemouth ¶	118	t	67	1st	52	3rd	61·4	54·3	57·7	+2·5	4	0·20	5
Durham	Durham ... ¶	336	p	65	3, 6	50	4th	63·7	52·6	57·9	+2·8	3	0·11	3
York,	Rounton ... ¶	249	p	67	31st	49	4, 5	63·9	52·0	57·7	+3·1	3	0·03	1
N. Riding	West Witton ...	605	a	66	3rd	51	4th	63·1	52·7	57·7	—	4	0·13	3
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	67	2, 3	51	4th	65·7	54·1	59·6	+2·9	3	0·11	3
E. Riding	Spurn Head ¶	26	t	67	31st	54	3rd	63·0	55·3	59·0	+1·4	3	0·09	2
Lincoln	Lincoln ... ¶	58	a	70	31st	52	4th	66·1	54·9	60·2	+2·9	1	0·06	1
	Cranwell ... ¶	236	t	68	31st	49	4th	65·1	53·9	59·2	+1·9	3	0·22	6
3. ENGLAND, E.														
Norfolk	Cromer ... ¶	196	a	69	31st	52	6th	63·0	55·5	59·1	+0·9	4	0·92	23
	Yarmouth ... ¶	13	t	71	31st	54	2, 6	64·4	56·6	60·3	+2·2	4	0·42	11
	Norwich ... ¶	93	a	71	31, 6	54	2, 6	65·3	56·0	60·4	+2·5	4	1·41	36
	Geldeston ... ¶	37	a	71	31st	52	2nd	65·4	55·0	60·0	+2·1	5	0·52	13
Cambridge	Cambridge ¶	41	p	71	31st	50	6th	66·4	54·4	60·1	+2·1	3	0·35	9
Hertford	Rothamsted ¶	420	a	68	31st	50	6th	64·7	54·0	59·1	+2·2	3	0·14	3
Middlesex	Tottenham ¶	51	p	69	31, 6	54	6th	65·7	55·7	60·5	—	2	0·29	7
Essex	Clacton-on-Sea ¶	55	t	67	31st	53	6th	64·9	55·9	60·2	+1·5	3	0·29	7
	Southend	90	h	70	5th	53	6th	66·6	55·6	60·8	—	2	0·28	7
4. MIDLAND COUNTIES.														
York,	Harrogate ¶	479	t	70	3rd	49	4th	64·9	52·7	58·5	+3·4	4	0·08	2
W. Riding	Sheffield	429	p	67	31st	52	4th	63·6	54·4	58·8	—	5	0·31	8
Derby	Buxton	987	p	63	3, 6	51	3, 4	60·6	52·1	56·2	+2·7	5	0·37	9
Nottingham	Worksop(Hods'ck)¶	56	a	72	31st	47	4th	67·3	53·7	60·2	+3·7	4	0·34	9
	Nottingham ¶	192	a	68	31st	52	4th	64·9	55·1	59·8	+3·3	4	0·23	6
Warwick	Birmingham (Edg)¶	525	t	66	31, 6	53	3, 4	64·3	54·0	58·9	+2·1	2	0·06	1
Northampton	Oundle ... ¶	147	a	70	31st	53	4th	65·4	54·9	59·9	—	3	0·30	7
Oxford	Oxford ... ¶	208	p	70	6th	49	6th	67·0	54·6	60·5	+2·7	3	0·61	15
Stafford	Cheadle ... ¶	646	a	68	3rd	48	3rd	63·9	52·4	57·9	+2·4	4	0·24	6
Worcester	Tenbury ... ¶	313	p	68	31st	46	3rd	65·7	52·0	58·5	+2·3	2	0·25	6
	Malvern	377	h	69	31st	52	4, 6	64·6	54·4	59·3	—	2	0·25	6
Hereford	Hereford ... ¶	291	a	67	31st	50	3rd	63·6	54·3	58·7	+1·9	2	0·32	8
Gloucester	Clifton ... ¶	225	a	69	6th	52	4th	64·4	54·4	59·2	+0·1	1	0·04	1
5. ENGLAND, S.E.														
London	Westminster ...	27	a	72	6th	50	6th	66·6	56·1	61·1	+1·5	3	0·10	3
	Greenwich ‡ ...	149	a	72	31st	49	6th	67·1	54·3	60·4	+1·0	3	0·36	9
	Hampstead ...	450	a	67	6th	50	6th	63·1	53·4	58·0	—	3	0·17	4
	Camden Square ...	110	a	71	6th	53	6th	66·3	55·1	60·4	+0·4	4	0·24	6
Surrey	Richmond (KewO)¶	18	t	72	6th	51	6th	67·0	55·0	60·7	+2·2	4	0·14	3
	Wisley ... ¶	150	a	71	6th	51	6th	66·0	54·3	59·9	+2·2	4	0·37	9
Kent	Tunbridge Wells ¶	354	h	70	6th	48	6th	65·9	52·6	58·9	+0·9	3	0·12	3
	Margate ... ¶	51	h	69	31, 1	52	6th	65·7	56·7	61·0	+1·0	1	0·06	1
	Dungeness ¶	21	t	68	6th	52	3, 6	65·4	55·4	60·2	+0·8	4	0·11	3
Sussex	St. Leonards ¶	178	h	67	6th	53	2, 6	64·9	55·2	59·8	+0·3	4	0·09	2
	Worthing	36	h	68	6th	53	2, 5	64·9	55·3	59·9	—	1	0·11	3
I. of Wight	Ventnor ... ¶	59	a	68	4th	54	3, 6	65·4	56·3	60·6	+0·1	3	0·32	8
Hampshire	Southampton ¶	64	p	72	6th	51	1, 6	64·6	53·7	58·9	−0·8	2	0·11	3
Wiltshire	Marlborough ¶	424	a	68	6th	47	6th	64·7	53·1	58·6	+2·8	4	0·08	2
	Porton ¶	363	a	71	6th	49	6th	65·6	53·0	59·0	—	3	0·11	3
7a. ENGLAND, N.W.														
Cumberland	Aspatria(Mealsg'e)¶	487	p	66	3rd	45	4th	63·4	50·7	56·8	+1·7	4	0·33	8
	Newton Rigg ¶	559	p	69	3rd	44	3, 4	64·0	48·3	55·8	+1·8	3	0·28	7
Lancashire	Stonyhurst ¶	377	a	66	6th	51	4th	63·0	53·7	58·1	+2·9	4	0·37	9
	Blackpool ¶	66	h	69	3rd	50	3, 4	65·1	53·4	59·0	+2·6	3	0·20	5
	Southport ¶	37	h	68	3, 6	50	4th	64·8	54·1	59·2	+2·8	3	0·20	5
Manchester	Whitworth Pk. ¶	125	p	68	6th	54	4th	65·0	55·4	60·0	+2·7	5	0·44	11
Cheshire	Liverp'l (Bidston) ¶	189	a	66	3rd	50	4th	63·4	54·3	58·6	+1·6	3	0·19	5
7b. NORTH WALES.														
Flint	Hawarden Bridge¶	22	a	68	3, 6	52	4th	65·4	55·6	60·3	+2·9	3	0·19	5
Carnarvon	Llandudno ¶	22	h	67	6th	50	3, 4	64·4	54·3	59·1	+1·3	2	0·04	1
Anglesey	Holyhead ¶	26	t	69	6th	53	4th	63·9	54·9	59·2	+2·1	2	0·17	4
8a. SOUTH WALES.														
Cardigan	Aberystwyth ¶	59	h	69	3, 6	52	5th	65·0	55·0	59·8	—	2	0·18	5
Pembroke	St. Ann's Hd. ¶	150	t	66	3rd	52	5th	63·1	54·7	58·7	+1·1	1	0·08	2
Radnor	Rhayader ¶	757	a	66	2nd	48	3rd	62·7	51·1	56·6	—	3	1·22	31
Glamorgan	Cardiff ... ¶	202	p	68	2nd	53	4, 6	66·0	54·7	59·6	+1·5	2	0·44	11
8b. ENGLAND, S.W.														
Somerset	Bath ... ¶	66	h	69	6th	51	3rd	65·6	54·9	60·0	+2·3	2	0·09	2
Dorset	Shaftesbury ¶	722	a	66	6th	52	1, 4, 6	63·0	53·0	57·8	+0·8	6	0·39	10
	Portland Bill ¶	19	t	68	3rd	55	3, 4	64·0	56·9	60·3	+1·0	2	0·14	3
Devon	Arlington ¶	613	a	65	2, 3,5,6	49	4th	63·9	53·1	58·2	+1·9	3	0·31	8
	Cullompton ¶	202	a	71	2nd	47	2nd	67·0	52·6	59·5	+2·2	3	0·80	20
	Plymouth ¶	116	p	69	2nd	54	3rd	66·1	56·0	60·8	+2·1	2	0·27	7
Cornwall	Newquay ... ¶	190	h	66	3rd	50	5th	63·4	53·9	58·4	−0·2	2	0·04	1
	Falmouth ¶	167	h	68	2nd	53	3, 4	65·1	55·1	59·9	+1·6	1	0·12	3
9. IRELAND, N.														
Donegal	Malin Head ¶	53	t	65	3rd	51	4th	60·9	53·9	57·2	+1·8	3	0·25	6
Mayo	Blacksod Point ¶	10	t	65	3rd	54	4, 5	62·0	55·3	58·5	+2·3	5	0·31	8
	Mallaranny ...	120	a	67	3rd	52	4, 5	63·0	54·0	58·3	—	3	0·26	7
Sligo	Markree Castle ¶	122	p	68	3rd	43	5th	65·1	51·7	58·4	+3·7	3	0·15	4
Armagh	Armagh ... ¶	204	p	65	3rd	48	3rd	63·6	52·4	57·7	+2·8	2	0·06	1
Down	Donaghadee ¶	35	t	64	31, 4	54	2-5	62·7	54·4	58·4	+2·9	3	0·20	5
10. IRELAND, S.														
Dublin	Dublin City ¶	54	p	64	31, 2, 5	52	3, 5	63·3	54·1	58·5	+1·4	1	0·09	2
King'sCounty	Birr Castle ¶	175	t	69	2nd	44	5th	64·9	52·4	58·4	+2·9	3	0·07	2
Kilkenny	Kilkenny ¶	182	a	65	1, 2, 4	41	5th	64·4	51·6	57·7	+1·7	4	0·24	6
Waterford	Waterford ¶	137	a	68	1st	48	5th	66·1	53·1	59·3	+2·7	1	0·65	17
	Seskin, Carrick-on-Suir	542	p	65	1, 3	48	5th	63·4	52·0	57·4	—	2	0·91	23
Limerick	Foynes ... ¶	50	a	69	2nd	46	4th	64·7	54·0	59·1	+2·5	5	0·39	10
Kerry	Cahirciveen ¶	30	t	68	3rd	49	4th	63·9	55·6	59·6	+2·2	4	0·90	23
	Killarney ¶	174	a	73	2nd	47	3rd	67·0	54·3	60·4	+3·2	2	0·39	10
Cork	Roche's Point ¶	32	t	67	1st	50	4, 5	62·3	53·7	57·8	+0·3	3	0·52	13
11. CHANNEL ISLES & SCILLY.														
Scilly	St. Mary's ¶	131	t	66	4th	53	4, 5	63·7	54·4	58·8	−0·8	3	0·10	3
Guernsey	Grange ... ¶	173	p	66	2, 6	53	5th	63·7	56·6	60·0	−1·2	1	0·07	2
Jersey	St. Heliers ¶	28	h	68	2nd	56	3-6	65·6	57·1	61·2	−0·1	1	0·24	6

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·4	− 1·4	33	0	47	—	—	—	—
Cockle Park §	4·6	− 0·2	34	0	41	56·7	+3·0	54·1	− 0·2
Tynemouth ...	—	—	—	0	50	—	—	—	—
Durham §	3·5	− 0·9	26	0	31	—	—	—	—
Rounton ...	—	—	—	0	36	58·0	—	—	—
West Witton	—	—	—	0	43	56·2	—	53·0	—
Scarborough †§	—	—	—	—	—	—	—	—	—
York §	3·5	− 1·0	26	—	—	57·9	0·0	56·1	− 1·1
Spurn Head...	3·9	—	29	—	—	—	—	—	—
Lincoln ...	—	—	—	0	49	59·1	+0·9	56·9	− 0·8
Cranwell §	2·5	− 2·9	19	0	43	—	—	—	—
Skegness §	2·2	− 3·5	16	—	—	—	—	—	—
Cromer §	1·1	− 4·1	8	—	—	—	—	—	—
Yarmouth §	1·4	—	11	0	50	60·7	+0·3	59·0	− 0·8
Norwich ...	1·4	—	10	0	50	59·9	—	—	—
Geldeston §	1·8	− 3·5	13	—	—	—	—	—	—
Cambridge §	1·9	− 3·3	14	0	50	60·9	+1·1	59·2	− 0·2
Rothamsted §	2·6	− 2·5	19	0	45	58·4	—	—	—
Tottenham §	1·7	—	12	—	—	—	—	—	—
Clacton-on-Sea§	2·2	− 3·8	16	0	49	59·7	− 0·1	59·0	− 0·7
Southend ...	2·4	—	18	0	51	60·2	—	—	—
Harrogate §	4·0	− 0·7	30	0	45	56·2	+0·8	54·7	− 0·8
Sheffield §	2·7	− 1·6	20	0	49	57·2	+0·3	55·2	− 0·7
Buxton ...	2·4	—	18	0	51	56·1	+0·2	54·3	− 1·2
Worksop §	3·2	− 1·1	24	0	38	58·4	—	55·9	—
Nottingham §	1·8	− 2·7	14	0	49	58·1	+0·8	57·3	− 0·9
Birmingham §	1·2	− 2·8	9	0	49	55·6	+1·0	52·5	− 1·3
Oundle ...	1·2	—	9	0	51	59·3	—	56·9	—
Oxford §	2·0	− 3·3	15	0	46	—	—	—	—
Cheadle ...	—	—	—	0	50	—	—	—	—
Tenbury ...	—	—	—	0	40	58·6	—	—	—
Malvern ...	2·2	—	17	0	47	59·9	—	58·0	—
Ross on Wye§	2·5	—	19	0	47	59·7	—	57·9	—
Clifton §	3·0	− 2·1	23	0	53	—	—	—	—
Westminster	1·4	− 3·1	11	0	45	—	—	—	—
Greenwich ...	1·7	− 3·6	13	0	39	—	—	—	—
Hampstead ...	1·5	—	11	0	41	—	—	—	—
Camden Square	—	—	—	0	47	59·5	—	57·3	—
Richmond § (Kew Obs.)	2·1	− 3·0	15	0	44	60·3	+0·9	58·3	0·0
Wisley §	2·6	− 2·7	20	0	40	60·6	+1·0	58·2	− 0·8
Tunbridge W'ls§	1·8	− 3·9	13	0	39	60·5	—	59·4	—
Margate §	2·7	− 2·9	20	0	46	61·8	+0·9	61·2	+0·7
Folkestone §	2·6	—	20	0	50	—	—	59·4	—
St. Leonards §	3·2	− 2·8	24	0	46	61·5	—	60·1	—
Worthing §	3·6	− 2·5	27	0	48	61·7	+0·5	60·0	− 0·4
Ventnor §	2·4	− 3·4	18	—	—	—	—	—	—
Southampton§	2·2	− 3·6	16	0	49	—	—	—	—
Marlborough§	1·7	− 3·0	13	0	46	59·6	—	56·8	—
Porton ...	2·3	—	17	0	43	59·0	—	—	—
Aspatria §	4·4	− 0·7	33	0	41	55·9	− 0·5	53·6	− 1·7
Newton Rigg§	4·2	− 0·7	31	0	37	—	—	—	—
Stonyhurst §	2·7	− 2·1	20	0	48	—	—	—	—
Blackpool §	3·6	− 1·9	27	0	37	58·7	—	56·0	—
Southport §	4·2	− 1·2	31	0	42	60·9	+1·9	60·0	+0·4
Whitworth Pk.	2·4	− 1·6	18	—	—	—	—	—	—
Oldham Road	2·6	− 1·4	19	0	47	58·1	+0·2	57·7	− 1·6
Bidston ...	3·5	—	26	0	45	—	—	—	—
(Ches.)Hoylake§	4·0	− 1·2	30	—	—	—	—	—	—
Llandudno §	4·7	− 0·9	35	—	—	—	—	—	—
Holyhead ...	4·9	—	37	0	49	—	—	—	—
Aberystwyth§	4·8	− 0·4	36	—	—	—	—	—	—
St. Ann's Hd §	4·5	− 0·8	34	—	—	—	—	—	—
Rhayader §	3·6	—	27	0	39	—	—	—	—
Cardiff ...	3·7	—	28	0	48	59·7	+0·4	57·4	− 1·3
Bath ... §	2·1	− 3·3	16	—	—	61·0	—	59·7	—
Shaftesbury...	—	—	—	—	—	—	—	57·1	—
Weymouth ...	3·0	—	23	—	—	—	—	—	—
Arlington ...	—	—	—	0	46	—	—	—	—
Cullompton §	2·4	− 2·7	18	0	42	60·1	—	—	—
Plymouth §	4·5	− 1·2	34	0	49	60·1	− 0·6	57·9	—
Newquay §	3·3	− 3·4	25	—	—	59·8	—	58·0	—
Falmouth §	3·7	− 2·1	28	0	48	63·2	—	61·1	—
Malin Head...	3·3	—	25	—	—	—	—	—	—
Mallaranny ...	2·3	—	17	—	—	—	—	—	—
MarkreeC'stle§	3·7	− 0·5	28	—	—	59·5	+0·8	57·0	0·0
Armagh §	4·6	+0·1	34	0	43	58·7	+0·8	56·3	− 0·7
Trinity Coll.	—	—	—	0	46	59·4	+0·8	56·9	− 0·8
Phœnix Park §	4·0	− 1·1	30	0	40	—	—	—	—
Dublin City...	—	—	—	0	46	—	—	—	—
Birr Castle §	2·6	− 2·0	19	0	36	—	—	—	—
Seskin ...	3·2	—	24	0	37	—	—	—	—
Cahirciveen (Valencia O.)§	1·7	− 3·1	13	0	45	—	—	—	—
Ballinacurra §	4·0	− 0·8	30	—	—	—	—	—	—
St. Mary's §	4·3	− 1·5	33	—	—	—	—	—	—
Grange §	4·4	− 1·9	34	0	49	62·3	0·0	61·0	− 0·9
St. Heliers §	5·8	− 0·6	44	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, September 6th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	—	0	34	89	45	0	150	16	7	1	3	25	11	1	2	45
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	—	0	35	119	14	0	130	18	8	31	16	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	2	110	56	0	50	14	6	6	14	19	9	6	14	10
Edinburgh Edinburgh ...	485	39	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	2	137	29	0	270	14	6	1	8	28	13	1	8	0
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	21	129	18	0	80	16	7	4	14	28	12	1	13	15
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	21	108	39	0	270	22	10	1	16	35	16	1	15	40
York, E.R. Spurn Head ...	67	41	‡	—	0	1	1	95	52	20	0	280	25	11	1	15	35	16	1	14	45
Lincoln Cranwell ...	230	43	31	—	0	—	0	38	100	30	0	270	19	9	1	12	26	12	1	10	57
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	54	80	34	0	30	22	10	3	15	29	13	3	14	50
Essex Shoeburyness...	103	90	‡	—	0	3	2	45	64	24	33	—	—	—	—	—	—	—	—	—	—
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	32	65	22	—	0	—	0	6	113	49	0	30	14	6	3	17	25	11	31	14	40
Surrey Croydon ...	284	40	24	—	0	—	0	9	122	37	0	20	16	7	3	15	25	11	3	15	15
Kent Lympne ...	409	70	‡	—	0	—	0	60	97	11	0	30	21	9	3	14	32	14	3	14	0
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	6	104	25	33	20	14	6	3	17	26	12	3	11	10
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	58	88	21	1	30	19	9	3	16	31	14	3	16	20
Wiltshire Larkhill ...	513	63	43	—	0	—	0	30	(106)	(22)	10	280	19	9	31	17	28	13	31	15	45
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	1	9	37	105	17	0	270	26	12	1	13	33	15	1	13	0
Lancashire Southport ...	80	62	48	—	0	1	13	56	95	4	0	270	29	13	1	10	38	17	1	6	40
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	91	62	15	0	80	21	9	3	10	32	14	1	10	4
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	18	111	39	0	—	18	8	6	13	29	13	6	23	30
Cornwall Pendennis Castle§...	256	65	24	—	0	—	0	26	70	72	0	250	16	7	31	14	23	10	31	16	20
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	47	84	37	0	240	21	9	1	10	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	—	0	80	53	35	0	—	22	10	6	11	36	16	6	11	0
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	6	2	65	81	20	0	100	24	11	6	10	40	18	6	9	25
Cork Weaver Pt. ...	160	30	‡	—	0	6	8	50	88	22	0	—	27	12	6	7	35	16	6	14	40
11a. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	—	0	72	65	31	0	120	23	10	6	8	32	14	1	4	20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	21	8	3·6	—	—	—	3	5	2·1	9	4	2·0	10	5	2·3	10	8	3·6	17	6	2·5	25	6	2·9
North	3	5	2·1	—	—	—	15	10	4·3	12	6	2·8	16	4	1·7	10	2	0·9	5	2	1·0	0	—	—
West	3	4	2·0	—	—	—	9	7	3·0	12	5	2·4	12	9	4·2	9	11	4·9	9	12	5·2	7	11	4·9
East	23	5	2·4	—	—	—	9	11	4·7	12	4	2·0	15	10	4·6	14	10	4·4	15	6	2·8	17	9	4·0
Calm (or wind-speed < 4 m.p.h.)	2	—	—	—	—	—	8	—	—	4	—	—	1	—	—	3	—	—	4	—	—	3	—	—
No record	0	—	—	—	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 11th September, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH; or through any Bookseller.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-SEVENTH WEEK of 1924—September 7th to September 13th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	67	35	56·5	46·9	51·5	− 1·0	67	− 6	0	0	6	+ 2	2·20	56	+35	3·8	− 0·1	29	998
Eastern.																			
1. SCOTLAND, EAST ...	66	31	57·8	46·8	52·1	− 0·9	71	− 7	0	0	6	+ 3	1·83	46	+34	3·9	− 0·3	30	999
2. ENGLAND, N.E. ...	71	37	62·3	50·6	56·2	+1·2	99	+ 7	0	0	5	+ 3	0·71	18	+11	3·5	− 1·4	27	1003
3. ENGLAND, EAST ...	72	44	65·9	54·4	59·9	+3·0	125	+21	0	0	5	+ 3	0·66	17	+ 8	4·7	− 0·8	36	1007
4. MIDLAND COUNTIES	70	39	63·2	51·9	57·3	+1·5	107	+11	0	0	5	+ 3	1·08	27	+19	3·3	− 1·5	26	1004
5. ENGLAND, S.E. ...	73	41	64·8	54·4	59·4	+1·5	122	+11	0	0	6	+ 4	1·05	27	+19	4·8	− 1·0	37	1007
Western.																			
6. SCOTLAND, WEST[1] ...	67	36	59·5	49·1	54·1	+0·2	85	+ 2	0	0	6	+ 3	1·27	32	+15	2·8	− 1·6	22	1001
7. ENGLAND, N.W.[2] ...	69	34	60·6	51·9	56·1	+0·4	99	+ 4	0	0	6	+ 3	1·35	34	+21	2·8	− 1·9	21	1003
8. ENGLAND, S.W.[3] ...	68	42	62·1	53·7	57·7	+0·9	110	+ 6	0	0	7	+ 4	2·03	52	+40	3·9	− 1·5	30	1006
9. IRELAND, NORTH ...	67	39	58·9	50·8	54·7	0·0	89	0	0	0	6	+ 2	1·67	42	+28	3·0	− 1·0	23	1001
10. IRELAND, SOUTH ...	70	37	61·4	52·2	56·5	+0·7	101	+ 4	0	0	6	+ 3	1·21	31	+18	4·1	− 0·5	32	1003
11. CHANNEL ISLANDS[4]	69	50	64·0	56·3	60·0	+0·3	126	+ 2	0	0	6	+ 3	1·40	36	+25	6·0	− 0·7	47	1008
MEAN: DISTRICTS 1-10	73	31	61·7	51·6	56·4	+0·9	101	+ 6	0	0	6	+ 3	1·29	33	+21	3·7	− 1·1	28	1003

THE SEASON (Autumn).—Aggregates, &c., for the Period of 2 Weeks, August 31st to September 13th, 1924.

0. SCOTLAND, NORTH...	73	35	60·1	48·6	54·1	+1·4	169	+18	0	0	8	− 1	2·46	63	+19	5·1	+ 1·2	38	1007
Eastern.																			
1. SCOTLAND, EAST ...	70	29	60·7	47·3	53·7	+0·4	164	+ 3	0	0	9	+ 2	1·97	49	+26	4·7	+ 0·2	35	1007
2. ENGLAND, N.E. ...	71	37	63·3	52·1	57·4	+1·9	215	+25	0	0	8	+ 3	0·83	21	+ 3	3·4	− 1·6	26	1009
3. ENGLAND, EAST ...	72	44	65·5	54·9	59·9	+2·6	251	+36	0	0	8	+ 3	1·20	31	+10	3·2	− 2·2	25	1011
4. MIDLAND COUNTIES	72	39	64·1	52·9	58·3	+2·0	227	+28	0	0	8	+ 3	1·33	33	+13	2·9	− 1·9	22	1009
5. ENGLAND, S.E. ...	73	41	65·1	54·5	59·6	+1·3	247	+19	0	0	9	+ 4	1·20	31	+ 8	3·6	− 2·1	28	1011
Western.																			
6. SCOTLAND, WEST[1] ...	72	36	61·9	50·7	56·0	+1·7	196	+23	0	0	9	+ 2	1·53	39	+ 1	3·6	− 0·9	27	1008
7. ENGLAND, N.W.[2] ...	69	34	62·4	52·7	57·3	+1·3	215	+20	0	0	9	+ 2	1·60	40	+11	3·4	− 1·5	26	1009
8. ENGLAND, S.W.[3] ...	71	42	63·3	53·9	58·4	+1·3	230	+17	0	0	10	+ 3	2·42	62	+33	3·7	− 1·6	29	1010
9. IRELAND, NORTH ...	69	39	61·1	52·1	56·4	+1·5	202	+21	0	0	9	+ 1	1·84	46	+15	3·6	− 0·6	27	1007
10. IRELAND, SOUTH ...	73	37	63·0	52·9	57·7	+1·4	219	+19	0	0	9	+ 2	1·62	41	+11	3·6	− 1·2	28	1009
11. CHANNEL ISLANDS[4]	69	50	64·1	56·1	60·0	− 0·1	252	− 1	0	0	8	+ 2	1·54	40	+15	5·4	− 1·0	42	1011
MEAN: DISTRICTS 1-10	73	29	63·0	52·4	57·5	+1·5	217	+21	0	0	9	+ 3	1·55	39	+13	3·6	− 1·3	27	1009

THE YEAR. Aggregates, &c., for the Period of 37 Weeks, December 30th, 1923, to September 13th, 1924.

0. SCOTLAND, NORTH...	81	12	51·8	41·4	46·4	0·0	1581	− 78	448	− 68	168	− 2	31·85	810	− 26	3·5	− 0·1	26	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·2	40·0	45·8	− 1·1	1606	−251	608	+24	163	+18	22·58	573	+49	3·6	− 0·7	27	1010
2. ENGLAND, N.E. ...	87	16	54·5	41·9	47·9	− 0·6	2054	− 75	516	+66	128	− 1	17·98	456	+36	4·1	− 0·5	31	1012
3. ENGLAND, EAST ...	87	18	56·4	43·3	49·6	0·0	2433	− 12	476	+ 9	127	+ 2	18·48	468	+68	4·9	− 0·1	37	1013
4. MIDLAND COUNTIES	87	15	56·0	41·9	48·6	− 0·7	2233	−150	516	+22	135	+11	22·01	559	+110	3·9	− 0·6	29	1013
5. ENGLAND, S.E. ...	86	17	56·5	43·8	49·9	− 0·8	2444	−155	398	+41	128	+ 7	21·31	543	+111	5·2	0·0	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·5	41·8	47·4	− 0·9	1852	−188	453	+63	161	+ 9	29·16	739	− 29	3·6	− 0·8	27	1011
7. ENGLAND, N.W.[2] ...	85	21	54·2	43·6	48·7	− 0·5	2099	−127	366	+ 6	152	+15	24·63	624	+45	4·0	− 0·6	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·3	44·3	49·6	− 0·8	2271	−180	309	+25	141	+ 5	29·57	750	+135	4·4	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·2	43·6	48·7	− 0·3	2022	− 94	287	− 26	180	+13	27·74	703	+61	3·5	− 0·5	26	1010
10. IRELAND, SOUTH ...	75	21	55·9	44·8	50·1	− 0·4	2333	−109	226	− 16	168	+21	28·10	713	+46	3·7	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	56·4	47·8	51·9	− 0·7	2655	−176	88	− 12	142	+ 3	22·09	563	+67	5·5	− 0·5	42	1014
MEAN: DISTRICTS 1-10	87	2	54·9	42·9	48·6	− 0·6	2135	−134	415	+21	148	+10	24·16	613	+63	4·1	− 0·5	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England. S.W. (*and S. Wales*).	9. Ireland, N.	10 Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Very Heavy	Very Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Heavy	Very Heavy	Very Heavy	Heavy	Very Heavy
	Sunshine ..	Moderate	Moderate	Scanty	Moderate	Scanty	Moderate	Scanty	Scanty	Scanty	Scanty	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 2 weeks from August 31st, 1924	Warmth ..	1, 1, 0	0, 2, 0	1, 1, 0	2, 0, 0	2, 0, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	0, 2, 0
	Rainfall ..	1, 0, 1	1, 0, 1	1, 0, 1	1, 1, 0	1, 0, 1	1, 0, 1	1, 0, 1	1, 0, 1	1, 0, 1	1, 0, 1	1, 0, 1	1, 0, 1
	Sunshine ..	1, 1, 0	1, 1, 0	0, 0, 2	0, 1, 1	0, 0, 2	0, 1, 1	0, 1, 1	0, 1, 1	0, 0, 2	0, 1, 1	0, 1, 1	0, 1, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was again of a very unsettled character in all parts of the British Islands, and during the first half of the period thunderstorms occurred in many places. The total amount of rainfall for the week was in excess of the normal in all Districts and in several places the individual measurements were decidedly large, many stations having falls, on various days, of over 25mm. Among the largest amounts recorded were :—40mm. at Dublin and 36mm. at Guernsey on the 7th, 54mm. at Inverness, 53mm. at Gordon Castle (Elgin), 41mm. at Onich (Inverness) and 39mm. at Nairn on the 8th, and 49mm. at Arlington (Devon) on 13th. The total measurement for the week at Arlington was 136mm., being 755 per cent. of the normal. Maximum temperatures slightly above 70°F. were registered, notably in the eastern and south-eastern parts of England, the highest reading, 73°F., occurring at Margate on the 7th. The lowest of the night temperatures were recorded either on the 10th or 11th, and at West Linton (Peebles) a screen minimum temperature of 31°F. was obtained. During the earlier and latter parts of the week fairly warm nights were experienced in several parts of the country, when at few places the screen minima did not fall below 60°F. Ground frosts occurred in some parts, the lowest grass minimum temperatures, 27°F., being registered at West Linton and Renfrew on the 10th. The mean temperature for the week over the country as a whole did not differ much from the normal, but in most Districts it was slightly above. The total amount of sunshine for the week was less than the normal at nearly all stations. The departure of the mean daily duration of sunshine from the normal for the week ranged from +0·9 hr. at Ballinacurra (Cork) to −2·7 hrs. at Llandudno. Solar halos were observed at Oxford on the 8th, 9th, 10th, and 13th. A lunar halo was seen at Aberdeen on the 10th. The halo observed at Oxford on the 10th was accompanied by a parhelion.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	60	7th	39	11th	54·7	48·1	51·2	+0·1	5	0·95	24	+ 7
Orkneys	Deerness ...	160	p	60	7th	39	10th	55·4	47·0	51·0	− 0·9	6	2·48	63	+47
Hebrides	Stornoway ¶	51	t	60	7th	39	10th	55·6	45·0	50·1	− 2·3	6	1·44	37	+15
	Castlebay ...	37	t	65	7th	44	10th	56·3	50·7	53·4	—	6	0·62	16	—
Caithness	Wick ... ¶	81	t	61	12th	36	11th	55·4	47·0	51·0	− 1·3	6	2·24	57	+43
Ross and Cromarty	Strathpeffer ¶	125	a	62	7, 12	38	10th	57·3	47·1	52·0	− 1·1	6	2·16	55	+43
	Achnashellach ¶	225	h	63	7th	37	10th	55·7	46·6	50·9	—	6	3·02	77	—
Inverness	Inverness ...	242	h	61	7th	38	10th	56·0	47·0	51·3	—	7	2·70	69	—
	Fort Augustus ¶	68	a	61	7th	35	10th	58·7	45·6	51·8	− 1·3	6	2·43	62	+43
	Onich ... ¶	48	h	67	7th	39	10th	58·1	49·1	53·4	—	6	3·14	80	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	62	7, 12	40	10th	56·9	46·4	51·4	− 1·6	6	2·05	52	+40
Elgin	Gordon Castle ¶	101	p	64	7, 12, 13	38	11th	60·1	46·3	52·9	− 0·6	5	3·28	83	+70
Aberdeen	Aberdeen ... ¶	46	t	63	12th	39	11th	58·3	48·7	53·3	—	5	1·87	47	+35
	Balmoral ... ¶	930	a	61	12th	37	10, 11	55·0	44·4	49·5	− 0·7	6	2·26	57	+45
Perth	Crieff ... ¶	478	p	62	8th	34	10th	58·9	45·6	51·9	− 2·0	6	1·46	37	+22
Forfar	Dundee	147	a	65	8th	39	10th	60·3	49·0	54·4	—	5	2·15	55	—
Fife	Inchkeith ... ¶	190	t	63	8th	42	10th	57·3	50·6	53·8	—	7	0·80	20	—
Midlothian	Edinburgh ...	441	p	66	8th	38	10th	58·6	46·4	52·2	− 1·5	7	1·15	29	+19
Peebles	West Linton ¶	770	a	62	12, 13	31	10th	57·7	44·1	50·6	+0·2	7	1·43	36	—
Berwick	Marchmont ¶	498	a	66	8th	38	10th	58·3	48·4	53·1	+0·2	6	1·52	39	+26
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	63	7th	36	10th	58·4	45·0	51·4	—	6	1·26	32	—
Renfrew	Renfrew ... ¶	36	t	66	8th	36	10th	59·1	49·6	54·1	—	5	1·20	31	—
Bute	Rothesay ... ¶	200	p	63	8th	38	10th	58·3	48·0	52·9	− 1·2	6	1·35	34	+15
Ayr	Kilmarnock ¶	90	a	67	8th	36	10th	61·3	49·6	55·2	+2·2	7	1·28	32	+18
	Colmonell... ¶	170	a	65	8th	44	10th	60·4	51·1	55·5	+1·8	7	1·48	38	+22
Dumfries	Dumfries ... ¶	140	p	66	7th	37	10th	60·4	48·7	54·3	0·0	6	1·24	31	+19
	Eskdalemuir ...	794	t	61	8th	33	10th	56·4	47·1	51·5	—	7	1·35	34	—

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Lowest Reading	Earth 1 ft. Mean	Deviation from normal	Earth 4 ft. Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	3·7	—	28	—	—	—	—	—	—
Deerness §	2·7	− 1·1	21	—	—	—	—	—	—
Stornoway §	4·3	+0·1	33	—	—	—	—	—	—
Castlebay ...	5·0	—	39	—	—	—	—	—	—
Achnashellach	—	—	—	1	28	—	—	—	—
Inverness §	4·2	—	33	0	31	—	—	—	—
Onich ...	2·6	—	20	0	31	—	—	—	—
Nairn §	4·1	—	32	—	—	—	—	—	—
Gordon Castle	3·7	—	29	—	—	—	—	—	—
Aberdeen §	3·9	− 0·4	30	0	34	—	—	54·0	+0·9
Balmoral ...	—	—	—	0	35	—	—	—	—
(Kinc.)Crathes §	4·4	+0·4	34	1	30	53·6	—	52·3	—
Dundee §	3·3	—	25	0	36	56·7	—	—	—
Inchkeith ...	4.0	—	31	0	39	—	—	—	—
Edinburgh §	4·2	0·0	32	0	34	—	—	—	—
West Linton...	—	—	—	1	27	—	—	—	—
Marchmont §	3·8	− 0·4	29	—	—	—	—	—	—
Ford ...	—	—	—	0	34	56·1	—	55·6	—
Renfrew ...	3·9	—	30	1	27	—	—	—	—
Rothesay §	2·6	− 1·3	20	0	32	55·7	—	54·9	+0·2
Kilmarnock ...	2·9	—	23	—	—	55·2	—	54·3	—
Colmonell ...	—	—	—	0	39	—	—	—	—
Dumfries ...	2·8	—	22	1	28	57·0	+1·1	55·7	− 1·2
Eskdalemuir §	2·1	− 1·8	17	1	30	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	61	7, 8	44	10th	58·6	52·0	55·1	+0·5	4	1·07	27	+12	Douglas §	3·6	- 1·7	28	0	41	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	68	8th	37	10th	60·3	48·3	54·0	+1·5	6	0·75	19	+10	Cockle Park §	3·8	- 0·9	30	0	34	54·0	+1·4	54·4	+0·9
	Tynemouth ¶	118	t	68	8th	39	10th	60·3	51·3	55·6	+1·2	7	0·72	18	+10	Tynemouth ...	—	—	—	0	36	—	—	—	—
Durham	Durham ... ¶	336	p	66	8th	37	10th	60·4	48·7	54·3	+0·2	6	0·72	18	+11	Durham §	2·8	- 1·5	22	1	29	—	—	—	—
York,	Rounton ... ¶	249	p	67	8th	38	10th	62·0	48·9	55·1	+1·4	5	0·47	12	+ 4	Rounton ...	—	—	—	2	28	57·3	—	—	—
N. Riding	West Witton ...	605	a	67	8th	37	10th	61·0	49·9	55·2	—	7	0·90	23	—	West Witton	—	—	—	0	34	54·8	—	53·2	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—	Scarborough †§	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	70	8th	41	10th	62·6	51·1	56·6	+0·9	5	0·62	16	+ 9	York §	2·8	- 1·6	22	—	—	57·7	+0·7	56·3	- 0·5
E. Riding	Spurn Head ¶	26	t	70	8th	46	10th	63·6	53·1	58·1	+1·3	5	0·89	23	+17	Spurn Head...	3·9	—	30	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	71	8th	45	10th	64·3	52·7	58·2	+1·8	4	0·82	21	+14	Lincoln ...	—	—	—	0	41	58·5	+1·4	57·3	+0·1
	Cranwell ... ¶	236	t	69	8, 13	44	10th	64·6	50·9	57·4	+1·0	3	0·71	18	+11	Cranwell §	4·1	- 1·2	32	0	40	—	—	—	—
																Skegness §	4·2	- 1·4	33	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	70	8th	45	11th	65·9	53·5	59·4	+1·8	5	0·68	17	+ 9	Cromer §	4·3	- 1·0	34	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	71	8, 13	45	11th	66·6	54·3	60·2	+2·8	4	0·48	12	+ 3	Yarmouth §	5·3	—	42	0	42	60·9	+1·5	59·1	- 0·2
	Norwich ... ¶	93	a	71	7th	46	11th	66·1	54·3	59·9	+2·9	5	0·75	19	+ 9	Norwich ...	4·9	—	38	0	41	60·0	—	—	—
	Geldeston ... ¶	37	a	71	8th	46	11th	66·8	54·1	60·2	+3·1	4	0·48	12	+ 3	Geldeston §	5·0	- 0·5	39	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	72	8th	44	11th	67·7	53·4	60·2	+3·1	5	0·56	14	+ 6	Cambridge §	4·4	- 1·0	34	0	42	60·6	+1·9	59·5	+0·6
Hertford	Rothamsted ¶	420	a	67	7, 8	44	11th	63·6	53·3	58·2	+2·2	5	0·89	23	+14	Rothamsted §	4·3	- 1·1	34	0	37	58·3	—	—	—
Middlesex	Tottenham ¶	51	p	69	7, 8	49	10, 11	65·6	55·7	60·4	—	6	0·89	23	—	Tottenham §	4·6	—	36	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	69	8th	49	10, 11	64·9	56·7	60·6	+2·7	3	0·56	14	+ 6	Clacton-on-Sea§	4·7	- 1·5	37	0	44	59·8	+0·8	59·1	- 0·2
	Southend	90	h	71	7, 8	49	11th	67·0	56·6	61·6	—	3	0·47	12	—	Southend ...	5·0	—	39	0	46	61·0	—	—	—
4. MIDLAND COUNTIES.																									
York,	Harrogate ¶	479	t	68	8th	39	10th	60·9	50·1	55·2	+0·9	4	0·81	21	+13	Harrogate §	2·9	- 1·8	23	0	35	55·7	+1·2	55·0	+0·1
W. Riding	Sheffield ... ... ¶	429	p	68	8th	44	10th	61·9	50·9	56·1	—	7	0·93	23	+15	Sheffield §	3·2	- 1·1	25	0	40	56·6	+0·8	55·4	- 0·1
Derby	Buxton ... ... ¶	987	p	65	8, 9	40	10th	60·6	49·1	54·6	+2·0	7	1·91	49	+35	Buxton ...	2·1	—	16	0	45	55·3	+0·6	54·5	- 0·5
Nottingham	Worksop(Hods'ck)¶	56	a	70	8th	44	10th	65·0	52·4	58·4	+2·8	3	0·61	15	+ 9	Worksop §	2·7	- 1·6	21	0	37	57·9	—	56·2	—
	Nottingham ¶	192	a	69	8th	45	10th	64·0	52·1	57·8	+2·2	5	0·92	23	+16	Nottingham §	3·0	- 1·4	24	0	42	57·7	+1·6	57·6	+0·1
Warwick	Birmingham (Edg)¶	525	t	66	7, 8	44	10th	62·1	52·0	56·8	+0·8	5	1·58	40	+32	Birmingham §	2·4	- 1·5	19	0	39	54·9	+1·0	53·0	- 0·6
Northampton	Oundle ... ¶	147	a	69	8th	46	10, 11	64·7	53·1	58·6	—	4	0·52	13	—	Oundle ...	4·0	—	31	0	44	59·1	—	57·0	—
Oxford	Oxford ... ¶	208	p	68	7, 8	45	10th	64·6	52·7	58·4	+1·5	5	1·20	30	+23	Oxford §	4·2	- 1·0	33	0	42	—	—	—	—
Stafford	Cheadle ... ¶	646	a	67	8th	41	10th	61·1	50·3	55·4	+0·7	7	0·79	20	+10	Cheadle ...	—	—	—	0	42	—	—	—	—
Worcester	Tenbury ... ¶	313	p	67	7, 8	44	10th	63·6	51·7	57·4	+2·2	6	1·43	36	+30	Tenbury ...	—	—	—	0	40	58·4	—	—	—
	Malvern	377	h	67	7th	45	10th	62·6	52·6	57·4	—	5	1·70	43	—	Malvern ...	3.7	—	29	0	39	59·3	—	58·2	—
Hereford	Hereford ... ¶	291	a	65	8, 11	43	10th	62·0	51·1	56·3	+0·5	5	1·70	43	+35	Ross on Wye§	3·8	—	30	0	39	59·0	—	58·1	—
Gloucester	Clifton ... ¶	225	a	67	7, 8	46	10th	63·9	53·6	58·5	+0·3	5	1·25	32	+22	Clifton §	4·0	- 1·1	31	0	48	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	69	7, 8	47	11th	65·7	55·6	60·4	+1·8	4	0·74	19	+12	Westminster	4·3	- 0·2	34	0	41	—	—	—	—
	Greenwich ‡ ...	149	a	72	8th	45	11th	67·1	53·9	60·2	+1·9	6	0·75	19	+12	Greenwich ...	4·6	- 0·7	36	0	34	—	—	—	—
	Hampstead ...	450	a	67	8, 13	45	11th	63·9	52·7	58·0	—	6	0·89	23	—	Hampstead ...	3·9	—	30	0	38	—	—	—	—
	Camden Square ...	110	a	70	8th	47	11th	66·1	55·3	60·4	+1·5	6	0·71	18	+11	Camden Square	—	—	—	0	42	59·3	—	57·3	—
Surrey	Richmond (KewO)¶	18	t	69	7, 13	47	11th	65·6	55·9	60·5	+3·1	6	0·83	21	+14	Richmond § (Kew Obs.)	4·2	- 0·9	33	0	40	60·4	+2·1	58·5	+0·6
	Wisley ... ¶	150	a	68	8th	45	11th	64·6	54·4	59·3	+2·6	6	0·91	23	+15	Wisley §	4·2	- 1·2	33	0	33	60·2	+1·7	58·3	- 0·2
Kent	Tunbridge Wells ¶	354	h	68	7, 8	41	11th	65·1	53·3	58·9	+1·8	7	0·95	24	+16	Tunbridge W'ls§	4·0	- 1·8	31	0	31	60·4	—	59·3	—
	Margate ... ¶	51	h	73	7th	47	11th	67·0	56·4	61·5	+2·3	4	0·33	8	0	Margate §	6·2	+0·5	48	0	42	61·6	+1·8	61·3	+1·4
	Dungeness ¶	21	t	68	7th	45	11th	64·6	56·1	60·2	+1·6	6	0·49	13	+ 5	Folkestone §	4·5	—	35	0	39	—	—	59·1	—
Sussex,	St. Leonards ¶	178	h	68	7th	45	11th	64·6	55·3	59·7	+1·0	7	0·79	20	+11	St. Leonards §	4·7	- 1·4	37	0	40	61·9	—	59·9	—
	Worthing	36	h	67	8, 13	42	11th	64·6	55·4	59·8	—	7	0·57	14	—	Worthing §	5·7	- 0·5	45	0	39	61·8	+1·7	60·0	+0·1
I. of Wight	Ventnor ... ¶	59	a	67	8th	46	10th	64·3	55·7	59·8	0·0	6	1·19	30	+20	Ventnor §	5·7	- 0·3	44	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	67	8,11,13	45	10th	65·4	53·1	59·0	+0·3	7	1·15	29	+20	Southampton§	4·2	- 1·6	33	—	—	—	—	—	—
Wiltshire	Marlborough ¶	424	a	66	7th	41	10th	62·9	52·0	57·2	+2·4	7	2·22	56	+48	Marlborough§	4·2	- 0·6	33	0	38	59·1	—	57·2	—
	Porton ¶	363	a	67	8th	41	10th	64·0	51·7	57·6	—	6	1·60	41	—	Porton ...	3·8	—	30	0	35	58·5	—	—	—
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e) ¶	487	p	62	8th	37	10th	58·1	48·3	53·0	- 1·5	7	1·02	26	+10	Aspatria §	3·9	- 1·0	30	0	33	55·0	- 0·1	53·8	- 1·1
	Newton Rigg ¶	559	p	63	8th	34	10th	58·9	47·4	52·9	- 0·4	7	1·34	34	+21	Newton Rigg§	2·4	- 2·2	19	1	28	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	66	8th	42	10th	59·4	51·3	55·2	+0·6	7	1·67	42	+23	Stonyhurst §	2·1	- 2·4	16	0	39	—	—	—	—
	Blackpool ¶	66	h	67	8th	45	10th	61·4	53·0	57·0	+1·1	7	1·85	47	+33	Blackpool §	2·6	- 2·6	20	0	38	58·4	—	56·1	—
	Southport ¶	37	h	69	8th	46	10th	61·3	52·8	56·9	+1·1	7	2·07	53	+39	Southport §	2·6	- 2·4	20	0	41	59·4	+1·7	59·6	+0·8
Manchester	Whitworth Pk. ¶	125	p	68	8th	45	10th	62·3	51·9	56·9	+0·3	5	1·19	30	+18	Whitworth Pk.	1·9	- 1·8	15	—	—	—	—	—	—
																Oldham Road	2·0	- 1·8	16	0	38	58·0	+1·1	57·6	- 1·1
Cheshire	Liverp'l (Bidston) ¶	189	a	66	7, 8	46	10th	60·9	53·0	56·8	+0·4	6	1·51	38	+26	Bidston ...	2·2	—	17	0	42	—	—	—	—
																(Ches.)Hoylake§	2·6	- 2·2	20	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	67	7, 8	48	10th	62·3	53·7	57·8	+1·1	6	1·23	31	+22										
Carnarvon	Llandudno ¶	22	h	67	8th	48	10th	62·0	53·7	57·7	+0·4	6	1·24	32	+21	Llandudno §	2·6	- 2·7	20	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	64	7th	50	10th	60·1	55·1	57·5	+0·7	6	0·99	25	+12	Holyhead ...	3·4	—	26	0	47	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	59	h	70	7th	48	10th	62·3	54·6	58·3	—	7	1·81	46	—	Aberystwyth§	3·2	- 2·3	25	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	65	7th	48	10th	59·6	54·6	57·0	- 0·1	7	1·04	26	+14	St. Ann's Hd.§	3·5	- 1·9	27	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	64	7th	43	10th	59·7	50·9	55·1	—	7	2·07	53	—	Rhayader §	2·6	—	21	0	37	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	67	8th	44	10th	62·4	52·4	57·2	+0·9	6	3·12	79	+65	Cardiff ...	3·9	—	30	0	42	59·0	+0·8	57·7	- 0·6
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	68	8th	45	10th	64·3	54·9	59·4	+2·6	6	1·10	28	+19	Bath ... §	4·3	- 1·1	34	—	—	61·2	—	59·9	—
Dorset	Shaftesbury ¶	722	a	65	7th	42	10th	61·3	51·7	56·3	+0·1	7	1·55	39	+28	Shaftesbury...	—	—	—	—	—	—	—	56·4	—
	Portland Bill ¶	19	t	66	12th	51	10th	62·9	57·3	60·0	+1·2	7	1·52	39	+31	Weymouth ...	5·0	—	39	—	—	—	—	—	—
Devon	Arlington ¶	613	a	67	7th	45	10th	61·0	52·8	56·7	+1·1	7	5·35	136	+118	Arlington ...	—	—	—	0	42	—	—	—	—
	Cullompton ¶	202	a	67	7, 8	42	10th	64·4	53·1	58·5	+2·0	7	2·18	55	+45	Cullompton §	3·8	- 1·3	30	0	36	59·3	—	—	—
	Plymouth ¶	116	p	67	7th	47	10th	62·7	54·7	58·5	+0·5	7	1·25	32	+21	Plymouth §	4·3	- 1·4	34	0	43	59·8	+0·2	58·2	—
Cornwall	Newquay ...	190	h	66	7, 8	51	10th	62·2	55·3	58·6	+0·5	5	1·26	32	+20	Newquay §	4·4	- 1·4	34	—	—	59·2	—	58·1	—
	Falmouth ¶	167	h	65	8th	47	10th	63·1	54·7	58·7	+1·0	7	1·09	28	+15	Falmouth §	4·8	- 1·0	37	0	41	62·6	—	61·1	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	59	12th	45	10th	56·0	51·4	53·6	- 1·6	7	1·96	50	+38	Malin Head...	2·4	—	18	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	60	7th	47	10th	57·9	52·1	54·9	- 1·1	7	1·01	26	+ 8										
	Mallarany ...	120	a	64	7th	44	10th	59·4	51·0	55·0	—	5	1·58	40	—	Mallarany ...	3·1	—	24	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	66	8th	41	10th	60·6	49·4	54·7	+0·7	7	2·14	54	+38	MarkreeC'stle§	2·2	- 1·6	17	—	—	58·3	+0·6	57·0	+0·3
Armagh	Armagh ... ¶	204	p	67	8th	39	10th	59·6	49·3	54·2	- 0·2	6	1·41	36	+24	Armagh §	3·8	- 0·3	29	0	34	57·7	+0·9	56·4	- 0·1
Down	Donaghadee ¶	35	t	65	8th	42	10th	59·6	51·4	55·3	+0·1	5	1·05	27	+16										
																Trinity Coll.	—	—	—	0	39	58·7	+1·0	57·1	0·0
10. IRELAND, S.																Phœnix Park §	4·6	- 0·3	35	0	38	—	—	—	—
Dublin	Dublin City ¶	54	p	68	8th	42	10th	61·9	51·6	56·5	+0·4	4	1·85	47	+38	Dublin City ...	—	—	—	0	37	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	63	8th	40	10th	59·9	51·0	55·2	+0·7	6	2·42	61	+50	Birr Castle §	3·0	- 1·4	24	0	33	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	67	8th	37	10th	62·1	50·9	56·2	+1·2	6	1·38	35	+24										
Waterford	Waterford ¶	137	a	66	11th	42	10th	62·0	52·1	56·8	+1·1	6	0·97	25	+12										
	Seskin, Carrick-on-Suir	542	p	65	8th	39	10th	60·3	49·4	54·6	—	6	0·91	23	—	Seskin ...	3·9	—	30	0	36	—	—	—	—
Limerick	Foynes ... ¶	50	a	64	7th	45	10th	60·4	52·0	56.0	+0·2	7	0·70	18	+ 1										
Kerry	Cahirciveen ¶	30	t	66	7th	50	9, 10	59·7	54·0	56·7	+0·1	7	1·12	28	+ 9	Cahirciveen (Valencia O.)§	3·5	- 1·2	27	0	44	—	—	—	—
	Killarney ¶	174	a	70	8th	45	10th	63·6	52·2	57·6	+1·2	7	0·93	24	+ 7										
Cork	Roche's Point ¶	32	t	64	8, 11	45	10th	61·4	53·7	57·4	+0·7	7	0·33	9	- 5	Ballinacurra §	5·5	+0·9	43	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	65	7th	50	10th	61·9	54·9	58·2	- 0·6	7	0·91	23	+12	St. Mary's §	5·4	- 0·7	43	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	68	8th	51	10th	64·1	56·0	59·9	- 0·6	7	2·63	67	+56	Grange §	6·6	- 0·1	52	0	46	61·7	+0·2	61·0	- 0·6
Jersey	St. Heliers ¶	28	h	69	13th	53	10th	66·1	58·1	61·9	+1·5	5	0·66	17	+ 6	St. Heliers §	5·8	- 0·9	46	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, September 13th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	13	4	9 to 11, 13	48	64	46	6	0	230	40	18	13	12	54	24	13	18	50
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	9	17	43	99	9	0	350	31	14	9	11	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	72	79	17	0	210	23	10	13	10	43	19	13	14	15
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	95	60	13	0	210	24	11	12	22	43	19	13	15	50
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	59	101	8	0	190	23	10	12	21	47	21	13	14	50
Dumfries Eskdalemuir ...	825	50	22	—	0	12, 13	16	89	60	3	0	210	30	14	12	24	52	23	12	21	35
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	69	93	6	0	250	23	10	11	17	37	17	9	19	55
York, E.R. Spurn Head ...	67	41	‡	—	0	9, 10, 12, 13	30	105	33	0	0	300	34	15	9	19	43	19	9	18	35
Lincoln Cranwell ...	280	43	31	—	0	9, 12, 13	6	99	57	6	0	200	27	12	13	13	40	18	9	15	40
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	12	4	87	68	9	0	200	27	12	12	15	49	22	9	12	40
Essex Shoeburyness...	103	90	‡	—	0	8, 9, 11 to 13	29	94	39	0	6	—	33	15	9	11	54	24	9	14	20
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	42	123	3	0	220 / 200	20	9	8 / 13	14 / 10	36	16	13	10	25
Surrey Croydon ...	284	40	24	—	0	—	0	53	108	7	0	190	20	9	12	13	35	16	9	11	15
Kent Lympne ...	409	70	‡	—	0	8, 9, 11 to 13	16	81	71	0	0	220	32	14	9	11	48	21	9	11	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	83	85	0	0	220	21	9	9	9	35	16	9 / 13	13 / 13	40 / 35
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	8, 9, 12, 13	10	121	31	0	6	210	29	13	13	14	45	20	13	11	55
Wiltshire Larkhill ...	513	63	43	—	0	13	6	80	58	0	24	210	29	13	13	13	40	18	13	12	50
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	9 to 11	22	83	63	0	0	320	33	15	9	12	42	19	9	11	40
Lancashire Southport ...	80	62	48	—	0	8 to 12	29	76	63	0	0	330	35	16	9	12	43	19	9	12	5
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	9	1	9, 10, 12	29	119	19	0	0	310	39	17	9	19	51	23	9	16	50
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	12, 13	16	98	48	6	0	—	31	14	13	2	38	17	13	9	40
Cornwall Pendennis Castle§...	256	65	24	—	0	12, 13	3	97	56	12	0	200	25	11	13	2	34	15	13	12	10
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	9, 11	11	82	66	9	0	310	29	13	9	18	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	9	4	117	31	16	0	—	27	12	9	14	37	16	9	11	20
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	9, 12	7	90	62	9	0	350	27	12	9	15	40	18	9	8	20
Cork Weaver Pt. ...	160	30	‡	—	0	9, 12	6	92	70	0	0	—	27	12	12	12	46	21	9	12	55
11a. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	9	15	125	27	1	0	290	29	13	9	4	42	19	9	13	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	9	7	3·1	13	10	4·6	22	11	5·0	24	9	3·9	18	13	5·9	18	12	5·5	18	9	4·0	17	8	3·4
North	18	10	4·3	10	7	3·0	5	6	2·9	2	5	2·2	8	15	6·7	6	11	4·8	5	8	3·6	8	13	5·9
West	9	9	4·0	22	11	4·8	22	9	3·8	22	6	2·9	24	11	5·0	20	13	5·6	19	11	5·0	19	7	3·3
East	15	6	2·8	3	5	2·3	5	5	2·2	4	5	2·4	4	13	5·6	6	11	4·9	5	7	3·1	6	11	5·0
Calm (or wind-speed < 4 m.p.h.)	1	—	—	3	—	—	1	—	—	0	—	—	0	—	—	0	—	—	2	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 18th September, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

153

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 38.

THIRTY-EIGHTH WEEK.
SUNDAY, SEPTEMBER 14TH TO SATURDAY, SEPTEMBER 20TH, 1924.

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METEOROLOGICAL OFFICE LIBRARY
29 SEP 1924

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-EIGHTH WEEK of 1924—September 14th to September 20th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	65	32	56·8	46·8	51·5	+0·2	67	+ 2	0	0	6	+ 2	2·21	56	+39	3·1	0·0	25	997
Eastern.																			
1. SCOTLAND, EAST ...	68	33	58·7	45·3	51·7	0·0	68	+ 1	0	− 1	6	+ 3	0·97	25	+12	4·8	+1·1	39	1001
2. ENGLAND, N.E. ...	71	39	62·3	50·5	56·1	+2·3	99	+16	0	0	5	+ 2	0·58	15	+ 6	4·6	+0·3	37	1009
3. ENGLAND, EAST ...	68	42	64·7	52·0	58·1	+2·5	113	+18	0	0	5	+ 2	0·32	8	− 1	4·2	− 0·7	34	1013
4. MIDLAND COUNTIES	68	38	62·6	49·9	55·9	+1·6	97	+11	0	− 1	5	+ 2	0·67	17	+ 7	3·7	− 0·5	30	1011
5. ENGLAND, S.E. ...	68	40	63·9	52·5	57·9	+1·4	111	+10	0	0	4	+ 1	0·27	7	− 3	4·1	− 1·2	33	1015
Western.																			
6. SCOTLAND, WEST[1] ...	64	39	58·3	47·9	52·9	0·0	76	0	0	0	6	+ 3	1·66	42	+22	3·5	− 0·5	28	1005
7. ENGLAND, N.W.[2] ...	66	39	60·5	51·6	55·8	+1·3	97	+10	0	0	5	+ 2	1·26	32	+18	3·3	− 0·9	27	1009
8. ENGLAND, S.W.[3] ...	67	38	61·2	51·9	56·3	+0·6	100	+ 4	0	0	5	+ 2	0·96	24	+10	2·8	− 2·2	23	1013
9. IRELAND, NORTH ...	64	37	58·4	48·0	53·0	− 0·8	77	− 6	0	0	6	+ 2	1·64	42	+27	2·7	− 1·1	22	1004
10. IRELAND, SOUTH ...	65	38	60·2	49·0	54·3	− 0·8	86	− 6	0	0	6	+ 2	1·66	42	+25	3·2	− 1·3	26	1009
11. CHANNEL ISLANDS[4]	72	52	63·6	55·5	59·4	+0·6	122	+ 4	0	0	3	0	0·39	10	− 2	5·2	− 1·2	43	1016
MEAN: DISTRICTS 1-10	71	33	61·1	49·9	55·2	+0·8	92	+ 6	0	0	5	+ 2	1·00	25	+12	3·7	− 0·7	30	1009

THE SEASON (Autumn).—Aggregates, &c., for the Period of 3 Weeks, August 31st to September 20th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	73	32	59·0	48·0	53·2	+0·9	236	+20	0	0	14	+ 1	4·67	119	+58	4·4	+ 0·8	34	1003
Eastern.																			
1. SCOTLAND, EAST ...	70	29	60·1	46·6	53·0	+0·2	232	+ 4	0	− 1	15	+ 5	2·94	74	+38	4·7	+ 0·5	37	1005
2. ENGLAND, N.E. ...	71	37	62·9	51·6	57·0	+2·1	314	+41	0	0	13	+ 5	1·41	36	+ 9	3·8	− 0·9	30	1009
3. ENGLAND, EAST ...	72	42	65·2	53·9	59·3	+2·6	364	+54	0	0	13	+ 5	1·52	39	+ 9	3·6	− 1·6	28	1011
4. MIDLAND COUNTIES	72	38	63·6	51·9	57·5	+1·9	324	+39	0	− 1	13	+ 5	2·00	50	+20	3·2	− 1·4	25	1010
5. ENGLAND, S.E. ...	73	40	64·7	53·8	59·0	+1·3	358	+29	0	0	13	+ 5	1·47	38	+ 5	3·8	− 1·8	30	1012
Western.																			
6. SCOTLAND, WEST[1] ...	72	36	60·7	49·7	55·0	+1·2	272	+23	0	0	15	+ 5	3·19	81	+23	3·6	− 0·7	28	1007
7. ENGLAND, N.W.[2] ...	69	34	61·8	52·3	56·8	+1·3	312	+30	0	0	14	+ 4	2·86	72	+29	3·4	− 1·3	26	1009
8. ENGLAND, S.W.[3] ...	71	38	62·6	53·3	57·7	+1·0	330	+21	0	0	15	+ 5	3·38	86	+43	3·4	− 1·8	27	1011
9. IRELAND, NORTH ...	69	37	60·2	50·7	55·3	+0·8	279	+15	0	0	15	+ 3	3·48	88	+42	3·3	− 0·7	25	1006
10. IRELAND, SOUTH ...	73	37	62·1	51·6	56·6	+0·7	305	+13	0	0	15	+ 4	3·28	83	+36	3·5	− 1·2	27	1009
11. CHANNEL ISLANDS[4]	72	50	64·0	55·9	59·8	+0·1	374	+ 3	0	0	11	+ 2	1·93	50	+13	5·4	− 1·0	42	1013
MEAN: DISTRICTS 1-10	73	29	62·4	51·5	56·7	+1·3	309	+27	0	0	14	+ 5	2·55	65	+25	3·6	− 1·1	28	1009

THE YEAR. Aggregates, &c., for the Period of 38 Weeks, December 30th, 1923, to September 20th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	51·9	41·6	46·5	0·0	1648	− 76	448	− 68	174	0	34·06	866	+13	3·5	− 0·1	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·4	40·1	46·0	− 1·0	1674	−250	608	+23	169	+21	23·55	598	+61	3·7	− 0·6	27	1009
2. ENGLAND, N.E. ...	87	16	54·7	42·1	48·2	− 0·4	2153	− 59	516	+66	133	+ 1	18·56	471	+42	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	56·6	43·6	49·8	0·0	2546	+ 6	476	+ 9	132	+ 4	18·80	476	+67	4·9	− 0·1	37	1013
4. MIDLAND COUNTIES	87	15	56·2	42·1	48·8	− 0·6	2330	−139	516	+21	140	+13	22·68	576	+117	3·9	− 0·6	29	1013
5. ENGLAND, S.E. ...	86	17	56·7	44·0	50·1	− 0·7	2555	−145	398	+41	132	+ 8	21·58	550	+108	5·2	0·0	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·6	42·0	47·6	− 0·9	1928	−188	453	+63	167	+12	30·82	781	− 7	3·6	− 0·8	27	1011
7. ENGLAND, N.W.[2] ...	85	21	54·4	43·8	49·2	− 0·2	2196	−117	366	+ 6	157	+17	25·89	656	+63	4·0	− 0·6	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·5	44·5	49·8	− 0·7	2371	−176	309	+25	146	+ 7	30·53	774	+145	4·4	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·3	43·7	48·8	− 0·3	2099	−100	287	− 26	186	+15	29·38	745	+88	3·5	− 0·5	26	1010
10. IRELAND, SOUTH ...	75	21	56·1	44·9	50·3	− 0·3	2419	−115	226	− 16	174	+23	29·76	755	+71	3·7	− 0·8	28	1012
11. CHANNEL ISLANDS[4]	83	30	56·6	48·0	52·1	− 0·6	2777	−172	88	− 12	145	+ 3	22·48	573	+65	5·5	− 0·5	42	1014
MEAN: DISTRICTS 1-10	87	2	55·1	43·1	48·9	− 0·5	2227	−128	415	+21	154	+12	25·15	638	+75	4·1	− 0·5	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Heavy	Heavy	Heavy	Moderate	Heavy	Moderate	Heavy	Heavy	Heavy	Very Heavy	Heavy	Moderate
	Sunshine ..	Moderate	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Scanty	Very Scanty	Scanty	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 3 weeks from August 31st, 1924	Warmth ..	1, 2, 0	0, 3, 0	2, 1, 0	3, 0, 0	3, 0, 0	1, 2, 0	1, 2, 0	1, 2, 0	1, 2, 0	1, 2, 0	1, 2, 0	0, 3, 0
	Rainfall ..	2, 0, 1	2, 0, 1	2, 0, 1	1, 2, 0	2, 0, 1	1, 1, 1	2, 0, 1	2, 0, 1	2, 0, 1	2, 0, 1	2, 0, 1	1, 1, 1
	Sunshine ..	1, 2, 0	2, 1, 0	0, 1, 2	0, 2, 1	0, 1, 2	0, 2, 1	0, 2, 1	0, 1, 2	0, 0, 3	0, 1, 2	0, 1, 2	0, 2, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over the country as a whole was cloudy and showery. There were bright intervals and in some parts good sunshine records were obtained. Strong winds or gales occurred in various parts of our Islands, notably at the extreme end of the week, when a depression from the Atlantic moved rapidly north-eastward across Ireland and Scotland, causing severe gales in several places. Rainfall measurements of 25mm. and more were registered in various parts of the country especially towards the end of the week. Among the largest amounts recorded were :—45mm. at Holyhead, 39mm. at Waterford, 36mm. at Kilkenny and Seskin (Carrick-on-Suir) and 35mm. at Dublin (Phœnix Park) on the 19th. The total amount of rainfall for the week was in excess of the normal in all districts with the exception of England, E., England S.E. and the Channel Islands where it was slightly below normal. Maximum temperatures round about 70°F. were registered in a few places, the highest reading, 72°F. occurring at Jersey on the 19th, but at two or three of our extreme northern stations the highest temperature of the week did not reach 60°F. A Screen minimum temperature of 32°F. was recorded at Fort Augustus, and in places grass temperatures of about 30°F. were obtained. The mean temperature for the week was below the normal in Ireland, but in most other parts of the country it was above normal. The sunniest days in most parts of our Islands were the 14th and 18th when a large number of places had sunshine values of more than 10 hrs. The largest amounts, about 11 hrs. were recorded at Jersey, Guernsey and Weymouth on the 14th and at Crathes (Kincardine) on the 18th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·5 hrs. at Crathes to –2·7 hrs. at Aspatria. Thunderstorms occurred on the 17th at one or two places in Scotland and Ireland. Lunar halos were seen at Oxford on the 14th and at Gorleston on the 19th. Solar halos were observed at a number of stations on various days during the week and at Aberdeen on the 18th a parhelion was witnessed.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	t	58	20th	46	15th	55·0	48·9	51·8	+1·9	5	1·02	26
Orkneys	Deerness ...	160	p	58	14th	44	15th	55·7	47·1	51·2	+0·5	6	1·75	45
Hebrides	Stornoway ¶	51	t	58	16th	45	14, 15	55·9	47·7	51·6	+0·4	7	2·77	70
	Castlebay ...	37	t	57	16, 17	48	18th	55·6	51·3	53·3	—	7	1·06	27
Caithness	Wick ... ¶	81	t	58	16, 17	43	15th	56·0	47·3	51·4	+0·3	5	1·30	33
Ross and Cromarty	Strathpeffer ¶	125	a	65	17th	39	14th	61·0	46·7	53·5	+1·7	4	1·89	48
	Achnashellach ¶	225	h	59	17th	40	20th	56·4	47·1	51·5	—	6	3·48	89
Inverness	Inverness ...	242	h	62	17th	42	20th	57·6	46·9	52·0	—	4	1·40	36
	Fort Augustus ¶	68	a	62	17th	32	20th	56·0	41·3	48·3	- 3·6	6	2·21	56
	Onich ... ¶	48	h	61	17th	45	20th	57·6	48·3	52·7	—	6	2·83	72
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	64	17th	40	20th	59·1	46·0	52·2	+0·5	5	1·29	33
Elgin	Gordon Castle ¶	101	p	68	17th	40	20th	60·6	45·9	52·9	+0·7	5	0·66	17
Aberdeen	Aberdeen ... ¶	46	t	63	16, 17	41	14th	60·3	45·7	52·7	—	5	0·41	10
	Balmoral ... ¶	930	a	62	17th	33	14th	56·7	40·9	48·4	- 0·5	5	1·04	26
Perth	Crieff ... ¶	478	p	62	17th	41	14th	57·7	45·1	51·1	- 1·5	6	1·48	38
Forfar	Dundee ...	147	a	64	17th	44	14th	59·7	47·4	53·3	—	6	0·99	25
Fife	Inchkeith ... ¶	190	t	63	17th	47	14th	58·1	49·9	53·8	—	5	0·47	12
Midlothian	Edinburgh ...	441	p	65	17th	46	14, 20	58·6	48·1	53·1	+0·6	5	0·79	20
Peebles	West Linton ¶	770	a	64	18th	38	19th	59·0	44·0	51·1	+2·0	7	1·37	35
Berwick	Marchmont ¶	498	a	65	17th	37	19th	58·1	45·3	51·4	- 0·2	7	1·08	27
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	61	17th	42	20th	56·7	47·1	51·7	—	7	2·54	65
Renfrew	Renfrew ... ¶	36	t	62	17th	40	14th	57·9	47·1	52·2	—	6	1·18	30
Bute	Rothesay ... ¶	200	p	60	17th	45	14, 20	56·7	47·9	52·1	- 1·0	7	1·57	40
Ayr	Kilmarnock ¶	90	a	64	17th	44	14, 20	60·4	48·3	54·1	+2·1	7	1·38	35
	Colmonell... ¶	170	a	63	17th	45	20th	59·4	49·3	54·1	+1·4	7	1·23	31
Dumfries	Dumfries ... ¶	140	p	64	17th	39	19th	59·1	45·7	52·1	- 1·2	6	1·36	35
	Eskdalemuir ...	794	t	60	17th	33	19th	55·7	43·9	49·5	—	7	2·84	72

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	2·7	—	21	—	—	—	—	—	—
Deerness §	2·7	- 0·4	22	—	—	—	—	—	—
Stornoway §	2·3	- 1·1	19	—	—	—	—	—	—
Castlebay ...	2·8	—	22	—	—	—	—	—	—
Achnashellach	—	—	—	1	30	—	—	—	—
Inverness §	4·4	—	36	0	38	—	—	—	—
Onich ...	1·2	—	9	0	37	—	—	—	—
Nairn §	4·2	—	34	—	—	—	—	—	—
Gordon Castle	5·1	—	41	—	—	—	—	—	—
Aberdeen §	5·6	+1·8	45	1	29	—	—	53·2	+0·7
Balmoral ...	—	—	—	2	29	—	—	—	—
(Kinc.)Crathes §	6·0	+2·5	49	2	29	50·6	—	51·7	—
Dundee §	4·1	—	33	0	37	54·7	—	—	—
Inchkeith ...	3.1	—	25	0	44	—	—	—	—
Edinburgh §	5·3	+1·6	43	0	44	—	—	—	—
West Linton...	—	—	—	0	32	—	—	—	—
Marchmont §	3·8	+0·1	30	—	—	—	—	—	—
Ford ...	—	—	—	0	39	54·4	—	55·2	—
Renfrew ...	3·9	—	32	1	30	—	—	—	—
Rothesay §	3·2	- 0·4	26	0	37	53·6	—	54·0	0·0
Kilmarnock ...	3·7	—	30	—	—	53·7	—	54·0	—
Colmonell ...	—	—	—	0	38	—	—	—	—
Dumfries ...	3·6	—	29	1	30	55·2	+0·8	55·2	- 0·9
Eskdalemuir §	3·1	- 0·6	25	0	31	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 8 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	61	17th	45	14th	58·0	50·0	53·8	+0·2	5	2·33	59	+41
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	67	17th	39	19th	59·6	47·0	53·0	+1·7	4	1·00	25	+13
	Tynemouth ¶	118	t	67	17th	47	19th	60·6	52·1	56·2	+3·0	5	0·88	22	+12
Durham	Durham ... ¶	336	p	65	17th	42	19th	59·7	47·1	53·1	+0·3	7	1·06	27	+17
York,	Rounton ... ¶	249	p	68	17th	46	14, 19	61·4	49·1	55·0	+2·6	5	0·44	11	+ 1
N. Riding	West Witton ...	605	a	67	17th	45	19th	60·6	49·4	54·7	—	6	1·18	30	—
	Scarborough ¶	118	h	69	17th	50	19th	64·7	51·4	57·7	+3·0	5	0·36	9	- 1
	York ... ¶	56	p	71	17th	47	19th	63·0	52·3	57·4	+3·1	5	0·37	9	0
E. Riding	Spurn Head ¶	26	t	67	17th	49	19th	63·3	53·4	58·1	+2·6	5	0·39	10	+ 2
Lincoln	Lincoln ... ¶	58	a	67	18th	45	19th	64·6	51·0	57·5	+2·6	5	0·41	10	+ 2
	Cranwell ... ¶	236	t	67	17th	43	19th	63·4	50·7	56·8	+1·8	5	0·31	8	- 1
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	68	19th	47	19th	65·1	51·6	58·0	+1·6	4	0·37	9	+ 1
	Yarmouth ... ¶	13	t	67	16, 17	48	19th	65·4	53·4	59·1	+3·0	6	0·28	7	- 2
	Norwich ... ¶	93	a	67	17th	43	19th	65·1	51·4	57·9	+2·2	5	0·47	12	+ 2
	Geldeston ... ¶	37	a	67	16-19	43	19th	65·5	51·9	58·4	+2·6	4	0·18	5	- 4
Cambridge	Cambridge ¶	41	p	68	17th	43	19th	64·7	51·3	57.7	+1·9	3	0·20	5	- 2
Hertford	Rothamsted ¶	420	a	63	14, 18	42	19th	61·9	49·6	55·5	+0·8	5	0·69	17	+ 8
Middlesex	Tottenham ¶	51	p	66	18th	47	19th	64·7	52·9	58·5	—	4	0·17	4	—
Essex	Clacton-on-Sea ¶	55	t	66	14, 16	48	19th	65·0	54·1	59·3	+2·7	5	0·21	5	- 3
	Southend ...	90	h	69	19th	50	19th	66·7	54·1	60·1	—	3	0·06	2	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	66	17th	44	19th	60·6	49·4	54·7	+1·9	5	0·73	19	+ 8
W. Riding	Sheffield	429	p	—	—	—	—	—	—	—	—	—	—	—	—
Derby	Buxton	987	p	60	17, 20	45	19th	58·9	48·9	53·7	+2·6	6	1·54	39	+22
Nottingham	Worksop(Hods'ck)¶	56	a	67	17, 18	42	19th	64·4	49·9	56·8	+2·7	5	0·50	13	+ 5
	Nottingham ¶	192	a	65	17th	43	19th	62·9	50·0	56·1	+2·0	5	0·87	22	+13
Warwick	Birmingham (Edg)¶	525	t	65	17th	45	19th	61·3	50·4	55·6	+1·1	5	0·61	16	+ 6
Northampton	Oundle ... ¶	147	a	68	14, 15, 18	40	19th	65·1	49·1	56·7	—	5	0·42	11	—
Oxford	Oxford ... ¶	208	p	65	18th	44	19th	63·1	51·4	57·0	+1·6	6	0·71	18	+ 9
Stafford	Cheadle ... ¶	646	a	63	18th	42	19th	60·9	48·0	54.1	+0·9	5	0·89	23	+10
Worcester	Tenbury ... ¶	313	p	66	17th	38	19th	62·0	49·1	55·2	+1·4	5	0·73	19	+11
	Malvern	377	h	64	17th	45	19th	61·1	50·9	55·8	—	5	0·49	13	—
Hereford	Hereford ... ¶	291	a	67	17th	41	19th	62·9	49·4	55·8	+1·5	4	0·41	10	0
Gloucester	Clifton ... ¶	225	a	67	17th	48	19th	62·7	52·4	57·3	+0·6	5	0·84	21	+ 8
5. ENGLAND, S.E.															
London	Westminster ...	27	a	66	14, 18	48	19th	65·0	53·4	58·9	+1·7	4	0·26	7	- 1
	Greenwich ‡ ...	149	a	68	18th	45	19th	67·0	51·9	59·1	+2·4	4	0·19	5	- 3
	Hampstead ...	450	a	65	18th	47	15th	62·3	51·4	56·6	—	5	0·24	6	—
	Camden Square ...	110	a	69	18th	48	19th	65·9	52·4	58·8	+1·3	4	0·22	6	- 3
Surrey	Richmond (Kew O)¶	18	t	66	17th	46	19th	64·7	53·2	58·7	+2·7	4	0·19	5	- 4
	Wisley ... ¶	150	a	65	17, 18, 19	44	19th	64·3	51·6	57·7	+2·4	5	0·17	4	- 6
Kent	Tunbridge Wells¶	354	h	68	18th	45	19th	65·1	50·9	57·7	+2·0	5	0·22	6	- 4
	Margate ... ¶	51	h	68	16th	49	15th	65·9	54·6	60·0	+2·2	2	0·04	1	- 9
	Dungeness ¶	21	t	67	14th	48	19th	64·3	55·6	59·7	+2·5	3	0·09	2	- 8
Sussex	St. Leonards ¶	178	h	66	14th	49	15th	64·1	54 2	58·9	+1·6	4	0·22	5	- 6
	Worthing	36	h	65	14th	47	15th	63·5	53·3	58·2	—	2	0·17	4	—
I. of Wight	Ventnor ... ¶	59	a	62	14, 17	52	14, 18	63·7	54·9	59·1	+0·7	4	0·17	4	- 8
Hampshire	Southampton ¶	64	p	65	14th	47	19th	63·0	52·4	57·5	+0·2	5	0·43	11	0
Wiltshire	Marlborough ¶	424	a	64	18th	40	19th	61·7	48·6	54·8	+1·4	6	0·63	16	+ 6
	Porton ¶	363	a	66	18th	42	19th	62·3	48·6	55·1	—	5	0·55	14	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	60	17th	44	19th	57·0	49·0	52·8	- 0·5	7	2·22	57	+40
	Newton Rigg ¶	559	p	63	17th	39	19th	58·6	46·7	52·4	+0·3	7	1·90	48	+34
Lancashire	Stonyhurst ¶	377	a	65	17th	46	19th	59·9	50·6	55·0	+1·6	6	1·87	47	+27
	Blackpool ¶	66	h	65	17th	48	19th	61·0	53·6	57·1	+2·4	5	1·36	35	+20
	Southport ¶	37	h	66	17th	49	19th	61·0	53·4	57·0	+2·4	5	0·96	25	+10
Manchester	Whitworth Pk. ¶	125	p	66	17th	49	15, 19	62·0	52·1	56·8	+1·4	6	0·62	16	+ 4
Cheshire	Liverp'l (Bidston) ¶	189	a	66	17th	50	19th	61·3	52·7	56·8	+1·6	5	0·27	7	- 6
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	66	17th	48	19th	62·9	52·4	57·4	+1·9	3	0·21	5	- 5
Carnarvon	Llandudno ¶	22	h	66	17th	50	19th	61·7	54·1	57·7	+1·6	4	0·65	16	+ 4
Anglesey	Holyhead ¶	26	t	64	17th	50	19th	59·9	53·6	56·6	+1·0	4	2·44	62	+48
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	62	16th	49	19th	60·9	54·4	57·5	—	5	1·11	28	—
Pembroke	St. Ann's Hd. ¶	150	t	60	17th	53	14, 19	58·3	55·0	56·6	+0·6	5	0·95	24	+10
Radnor	Rhayader ¶	757	a	62	17th	38	19th	59·1	48·4	53·5	—	6	2·01	51	—
Glamorgan	Cardiff ... ¶	202	p	63	17, 18	46	19th	61 1	51·7	56·2	+1·0	6	0·89	23	+ 7
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	66	17th	45	19th	63·0	52·1	57·3	+1·6	6	0·61	15	+ 5
Dorset	Shaftesbury ¶	722	a	63	18th	48	15, 18	60·1	51·0	55·3	+0·2	5	0·54	14	+ 2
	Portland Bill ¶	19	t	62	14, 17, 20	52	19th	61·6	56·1	58·7	+1·0	3	0·24	6	- 4
Devon	Arlington ¶	613	a	62	15th	44	19th	60·6	50·0	55·1	+0·6	7	1·85	47	+26
	Cullompton ¶	202	a	67	18th	44	18, 19	64·4	50·0	56·9	+1·5	4	0·68	17	+ 6
	Plymouth ¶	116	p	65	14th	47	19th	61·9	52·4	56·9	0·0	4	0·71	18	+ 6
Cornwall	Newquay ...	190	h	63	16th	47	19th	60·9	53·4	57·0	0·0	5	0·78	20	+ 6
	Falmouth ¶	167	h	64	14th	48	18th	61·7	52·4	56·8	+0·2	5	1·15	29	+14
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	60	16, 17	43	20th	56·7	48·9	52·6	- 1·7	6	1·43	36	+22
Mayo	Blacksod Point ¶	10	t	60	16th	45	20th	57·3	51·0	54·0	- 1·1	6	2·25	57	+37
	Mallarany ...	120	a	60	18th	44	20th	57·6	49·7	53·5	—	6	2·69	68	—
Sligo	Markree Castle ¶	122	p	62	17th	37	20th	59·0	45·0	51·7	- 1·4	7	1·92	49	+31
Armagh	Armagh ... ¶	204	p	62	17th	42	20th	58·3	47·4	52·6	- 0·9	6	1·17	30	+17
Down	Donaghadee ¶	35	t	64	17th	42	19th	59·4	47·9	53·4	- 0·9	6	1·31	33	+20
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	64	17th	45	19th	60·3	48·7	54·2	- 1·2	4	1·38	35	+24
King'sCounty	Birr Castle ¶	175	t	62	16, 17	42	14th	59·6	48·0	53·5	- 0·3	7	1·78	45	+31
Kilkenny	Kilkenny ¶	182	a	65	17th	38	19th	60·7	45·3	52·6	- 1·7	5	1·74	44	+30
Waterford	Waterford ¶	137	a	64	17th	44	14, 19	60 6	48·4	54·2	- 0·8	5	2·11	54	+38
	Seskin, Carrick-on-Suir	542	p	63	17th	42	20th	59·6	46.7	52·8	—	6	1·97	50	—
Limerick	Foynes ... ¶	50	a	63	16th	44	19th	60·3	50·1	55.0	- 0·1	7	1·57	40	+21
Kerry	Cahirciveen ¶	30	t	60	14-17	47	19th	59·0	52·1	55·4	- 0·5	6	1·43	36	+12
	Killarney ¶	174	a	64	17th	44	14th	61·4	49·7	55·3	- 0·4	6	1·56	40	+19
Cork	Roche's Point ¶	32	t	62	17th	45	19th	59·6	49.7	54·4	- 1·6	5	1·74	44	+27
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	62	14, 16, 18	52	14, 19	60·9	53·9	57·2	- 0·7	5	0·72	18	+ 6
Guernsey	Grange ... ¶	173	p	66	20th	52	15, 18	64·1	55·7	59·7	+0·1	3	0·28	7	- 6
Jersey	St. Heliers ¶	28	h	72	19th	52	19th	65·9	57·0	61·2	+1·7	2	0·18	5	- 7

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·2	- 0·3	34	0	41	—	—	—	—
Cockle Park §	4·8	+0·7	38	0	33	52·4	+0·9	53·2	+0·4
Tynemouth ...	—	—	—	0	45	—	—	—	—
Durham §	4·2	+0·5	34	0	31	—	—	—	—
Rounton ...	—	—	—	0	36	55·7	—	—	—
West Witton	—	—	—	0	37	53·6	—	52·9	—
Scarborough †§	4·7	+0·4	38	0	43	—	—	56·8	—
York §	4·2	+0·3	34	—	—	56·5	+0·6	56·0	- 0·2
Spurn Head...	5·4	—	44	—	—	—	—	—	—
Lincoln ...	—	—	—	0	40	57·1	+1·3	57·1	+0·5
Cranwell §	5·0	+0·4	41	0	33	—	—	—	—
Skegness §	5·0	+0·1	41	—	—	—	—	—	—
Cromer §	4·7	- 0·1	38	—	—	—	—	—	—
Yarmouth §	4·9	—	40	0	45	59·7	+1·6	59·0	+0·3
Norwich ...	5·1	—	41	0	42	58·5	—	—	—
Geldeston §	4·5	- 0·5	36	—	—	—	—	—	—
Cambridge §	4·5	- 0·3	37	0	38	59·3	+1·9	59·1	+0·8
Rothamsted §	3·4	- 1·5	28	0	39	57·1	—	—	—
Tottenham §	3·5	—	28	—	—	—	—	—	—
Clacton-on-Sea§	4·1	- 1·5	34	0	42	59·3	+1·3	59·0	+0·2
Southend ...	4·3	—	35	0	48	60·2	—	—	—
Harrogate §	4·1	0·0	33	0	36	54·4	+0·8	54·3	+0·1
Sheffield §	—	—	—	—	—	—	—	—	—
Buxton ...	4·0	—	33	0	45	54·4	+1·1	54·3	- 0·2
Worksop §	4·3	+0·5	35	0	34	56·5	—	55·8	—
Nottingham §	4·4	+0·5	36	0	38	56·3	+1·5	57·1	+0·3
Birmingham §	3·6	+0·1	29	0	35	53·8	+0·8	53·0	- 0·3
Oundle ...	4·4	—	36	0	35	58·1	—	57·0	—
Oxford §	3·4	- 1·2	28	0	41	—	—	—	—
Cheadle ...	—	—	—	0	45	—	—	—	—
Tenbury ...	—	—	—	0	35	56·7	—	—	—
Malvern ...	3.4	—	27	0	35	58·0	—	58·0	—
Ross on Wye§	3·1	—	26	0	35	57·5	—	57·6	—
Clifton §	3·2	- 1·4	26	0	50	—	—	—	—
Westminster	3·4	- 0·7	28	0	44	—	—	—	—
Greenwich ...	3·9	- 0·9	32	0	35	—	—	—	—
Hampstead ...	3·2	—	26	0	38	—	—	—	—
Camden Square	—	—	—	0	44	58·4	—	57·1	—
Richmond § (Kew Obs.)	3·8	- 0·9	31	0	40	59·2	+2·3	58·5	+1·1
Wisley §	4·1	- 0·8	33	0	35	59·5	+2·2	58·0	+0·1
Tunbridge W'ls§	3·8	- 1·5	31	0	35	59·8	—	59·2	—
Margate §	5·5	+0·3	44	0	45	61·2	+2·6	61·0	+1·7
Folkestone §	4·1	—	33	0	44	—	—	58·8	—
St. Leonards §	4·5	- 1·1	37	0	42	61·5	—	59·9	—
Worthing §	3·8	- 1·9	31	0	42	61·0	+2·3	60·0	+0·6
Ventnor §	3·7	- 1·8	30	—	—	—	—	—	—
Southampton§	4·1	- 1·3	33	—	—	—	—	—	—
Marlborough§	3·6	- 0 8	29	0	39	57·3	—	56·9	—
Porton ...	3·5	—	29	0	37	57·3	—	—	—
Aspatria §	1·8	- 2·7	14	0	40	53·5	- 0·1	53·2	- 1·1
Newton Rigg§	2·4	- 1·8	20	0	31	—	—	—	—
Stonyhurst §	3·2	- 0·8	26	0	41	—	—	—	—
Blackpool §	3·9	- 0·8	31	0	35	57·7	—	55·9	—
Southport §	4·6	+0·1	37	0	39	58·1	+1·9	58·7	+0·9
Whitworth Pk.	3·5	+0·1	28	—	—	—	—	—	—
Oldham Road	3·4	- 0·1	27	0	47	56·3	+0·6	57·3	- 0·7
Bidston ...	4·5	—	36	0	45	—	—	—	—
(Ches.)Hoylake§	4·9	+0·5	39	—	—	—	—	—	—
Llandudno §	4·1	- 0·7	33	—	—	—	—	—	—
Holyhead ...	3·7	—	30	0	45	—	—	—	—
Aberystwyth§	2·8	- 2·3	22	—	—	—	—	—	—
St. Ann's Hd.§	2·5	- 2·5	20	—	—	—	—	—	—
Rhayader §	1·8	—	15	1	30	—	—	—	—
Cardiff ...	3·5	—	28	0	41	58·0	+1·0	57·5	- 0·2
Bath ... §	3·2	- 1·8	26	—	—	60·1	—	59·7	—
Shaftesbury...	—	—	—	—	—	—	—	57·1	—
Weymouth ...	3·6	—	29	—	—	—	—	—	—
Arlington ...	—	—	—	0	41	—	—	—	—
Cullompton §	2·4	- 2·4	19	0	39	58·4	—	—	—
Plymouth §	3·4	- 1·9	28	0	42	58·5	+0·1	58·0	—
Newquay §	3·0	- 2·3	25	—	—	58·5	—	57·9	—
Falmouth §	3·2	- 2·2	26	0	43	60·6	—	60·8	—
Malin Head...	3·0	—	24	—	—	—	—	—	—
Mallarany ...	2·3	—	19	—	—	—	—	—	—
MarkreeC'stle§	2·5	- 1·2	20	—	—	55·6	- 0·9	56·3	0·0
Armagh §	2·9	- 1·0	23	0	37	55·0	- 0·8	55·6	- 0·3
Trinity Coll.	—	—	—	0	40	56·5	- 0·1	56·6	+0·1
Phœnix Park §	3·9	- 0·7	31	1	30	—	—	—	—
Dublin City...	—	—	—	0	38	—	—	—	—
Birr Castle §	2·8	- 1·4	23	0	33	—	—	—	—
Seskin ...	3·5	—	29	0	34	—	—	—	—
Cahirciveen (Valencia O.)§	2·9	- 1·5	24	0	41	—	—	—	—
Ballinacurra §	3·1	+1·3	25	—	—	—	—	—	—
St. Mary's §	3·5	- 2·4	28	—	—	—	—	—	—
Grange §	6·2	- 0·3	50	0	47	62·0	+1·7	60·6	- 0·5
St. Heliers §	6·0	- 0·5	49	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, September 20th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	18	2	14 to 19	78	51	32	5	0	300	39	17	18	15	59	26	18	14	50
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of	action.														
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	18, 20	4	59	98	7	0	280	30	13	18	10	57	26	18	10	10
Edinburgh Edinburgh ...	485	39	31	—	0	14 to 18	31	99	29	9	0	230	33	15	17	23	54	24	17	13	10
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	15, 17	5	80	69	14	0	190	26	12	15	16	57	25	18	2	30
Dumfries Eskdalemuir ...	825	50	22	—	0	14 to 18, 20	34	75	42	17	0	260	36	16	18	14	52	23	18	14	0
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	17, 18	13	63	74	18	0	260	32	14	18	10	51	23	18	5	5
York, E.R. Spurn Head ...	67	41	‡	—	0	14 to 18, 20	27	102	39	0	0	260	31	14	20	10	48	21	20	6	25
Lincoln Cranwell ...	280	43	31	—	0	16 to 18, 20	10	106	39	13	0	210	29	13	20	24	48	21	20	23	25
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	20	5	66	82	15	0	210	28	13	20	23	41	18	20	7	35
Essex Shoeburyness...	103	90	‡	—	0	17, 20	9	96	53	10	0	—	38	17	20	22	50	22	20	22	10
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	60	83	25	0	210	22	10	20	22	43	19	20	21	20
Surrey Croydon ...	284	40	24	—	0	20	4	65	87	12	0	200	26	12	20	19	55	25	20	22	50
Kent Lympne ...	409	70	‡	—	0	17, 20	11	100	57	0	0	220	35	16	20	23	49	22	20	23	25
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	17, 20	7	84	8	9	0	220	27	12	20	21	45	20	20	21	10
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	15 to 17, 20	23	104	30	2	9	220	32	14	17	14	50	22	20	21	5
Wiltshire Larkhill ...	513	63	43	—	0	17, 20	9	78	61	12	8	230	29	13	20	21	41	18	20	20	50
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	20	1	14 to 18, 20	44	90	32	1	0	190	42	19	20	24	63	28	20	24	0
Lancashire Southport ...	80	62	48	17, 18, 20	7	14 to 18, 20	63	68	29	1	0	250	45	20	17	23	61	27	17	23	30
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	20	4	15 to 20	34	106	23	1	0	240	51	23	20	24	79	35	20	23	50
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	17, 19, 20	19	50	67	28	4	—	35	16	20	14	46	21	20	19	25
Cornwall Pendennis Castle§...	256	65	24	—	0	16, 17, 19, 20	13	52	71	32	0	210	33	15	20	18	43	19	20	15	45
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	17, 18, 20	7	14, 16 to 20	24	83	52	2	0	250	62	28	20	24	—	—	—	—	—
Clare Quilty	100	40	‡	20	3	14 to 17, 20	37	84	35	9	0	—	54	24	20	20	87	39	20	19	35
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	20	2	15, 16, 17, 20	24	93	47	2	0	250	45	20	20	17	79	35	20	16	55
Cork Weaver Pt. ...	160	30	‡	20	3	15 to 17, 19, 20	22	83	50	10	0	—	43	19	20	19	69	31	20	18	50
11a. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	15, 19, 20	16	90	50	12	0	260	37	17	20	20	52	23	20	18	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	—	—	—	23	8	3·5	20	9	4·0	21	9	3·8	24	12	5·2	16	11	4·8	25	12	5·4	25	10	4·4
North	—	—	—	2	4	1·8	2	3	1·3	0	—	—	2	3	1·5	3	4	1·9	1	5	2·1	2	8	3·7
West	—	—	—	25	16	7·1	24	9	4·0	22	7	3·0	25	15	6·5	20	14	6·3	22	13	6·0	20	11	5·1
East	—	—	—	1	10	4·6	2	3	1·5	1	2	0·7	2	6	2·8	4	5	2·4	3	15	6·5	6	5	2·1
Calm (or wind-speed < 4 m.p.h.)	—	—	—	2	—	—	2	—	—	5	—	—	0	—	—	1	—	—	1	—	—	1	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 25th September, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 39.

THIRTY-NINTH WEEK.
SUNDAY, SEPTEMBER 21ST TO SATURDAY, SEPTEMBER 27TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

THIRTY-NINTH WEEK of 1924—September 21st to September 27th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	58	32	54·4	41·3	47·5	− 2·6	40	− 18	2	0	4	− 1	0·55	14	− 12	3·9	+0·8	33	1003
Eastern.																			
1. SCOTLAND, EAST ...	60	28	54·9	39·6	46·9	− 3·6	41	− 20	7	+ 5	4	0	0·74	19	+ 4	5·3	+1·9	45	1003
2. ENGLAND, N.E. ...	63	38	58·7	46·2	52·1	− 0·7	71	− 5	0	0	5	+ 1	0·73	18	+ 6	5·5	+1·4	46	1005
3. ENGLAND, EAST ...	64	40	59·1	49·0	53·8	− 0·2	83	− 1	0	0	5	+ 2	1·15	29	+15	4·6	− 0·1	39	1007
4. MIDLAND COUNTIES	64	39	58·7	46·5	52·3	− 0·5	72	− 5	0	− 1	5	+ 2	1·06	27	+14	5·1	+1·0	43	1005
5. ENGLAND, S.E. ...	65	42	59·8	50·0	54·7	− 0·5	89	− 3	0	0	6	+ 3	1·72	44	+29	4·9	0·0	41	1007
Western.																			
6. SCOTLAND, WEST[1] ...	63	29	56·9	40·4	48·3	− 3·6	49	− 21	4	+ 3	4	0	0·75	19	− 7	4·9	+1·4	41	1004
7. ENGLAND, N.W.[2] ...	61	34	57·4	46·6	51·8	− 1·5	69	− 10	0	0	5	+ 1	1·13	29	+ 9	4·7	+0·8	39	1004
8. ENGLAND, S.W.[3] ...	64	40	58·5	48·2	53·1	− 1·4	78	− 10	0	0	5	+ 1	1·38	35	+14	5·1	+1·0	43	1005
9. IRELAND, NORTH ...	60	36	56·5	43·9	49·9	− 2·6	55	− 18	0	0	4	− 1	1·05	27	+ 5	5·5	+2·1	46	1004
10. IRELAND, SOUTH ...	65	37	56·6	45·3	50·7	− 3·2	61	− 22	0	0	5	+ 1	1·43	36	+17	4·3	+0·4	36	1006
11. CHANNEL ISLANDS[4]	63	49	60·0	52·3	55·9	− 1·8	97	− 13	0	0	5	+ 1	1·34	34	+15	5·8	+0·8	49	1007
MEAN: DISTRICTS 1-10	65	28	57·7	45·6	51·4	− 1·8	67	− 11	1	+ 1	5	+ 1	1·11	28	+11	5·0	+1·0	42	1005

THE SEASON (Autumn).—Aggregates, &c., for the Period of 4 Weeks, August 31st to September 27th, 1924.

0. SCOTLAND, NORTH...	73	32	57·8	46·3	51·8	+0·1	276	+ 2	2	0	18	0	5·22	133	+46	4·3	+ 0·8	34	1003
Eastern.																			
1. SCOTLAND, EAST ...	70	28	58·8	44·9	51·5	− 0·7	273	− 16	7	+ 4	19	+ 5	3·68	93	+42	4·9	+ 0·9	38	1005
2. ENGLAND, N.E. ...	71	37	61·9	50·2	55·7	+1·3	385	+36	0	0	18	+ 6	2·14	54	+15	4·2	− 0·4	33	1008
3. ENGLAND, EAST ...	72	40	63·7	52·7	57·9	+1·8	447	+53	0	0	18	+ 7	2·67	68	+24	3·8	− 1·3	30	1010
4. MIDLAND COUNTIES	72	38	62·4	50·5	56·2	+1·3	396	+34	0	− 2	18	+ 7	3·06	77	+34	3·7	− 0·8	29	1009
5. ENGLAND, S.E. ...	73	40	63·5	52·9	57·9	+0·8	447	+26	0	0	19	+ 8	3·19	82	+34	4·1	− 1·3	32	1011
Western.																			
6. SCOTLAND, WEST[1] ...	72	29	59·7	47·4	53·3	0·0	321	+ 2	4	+ 3	19	+ 5	3·94	100	+16	3·9	− 0·2	31	1006
7. ENGLAND, N.W.[2] ...	69	34	60·7	50·9	55·6	+0·7	381	+20	0	0	19	+ 5	3·99	101	+38	3·7	− 0·8	29	1008
8. ENGLAND, S.W.[3] ...	71	38	61·6	52·0	56·5	+0·4	408	+11	0	0	20	+ 6	4·76	121	+57	3·8	− 1·1	31	1009
9. IRELAND, NORTH ...	69	36	59·3	49·0	53·9	− 0·1	334	− 3	0	0	19	+ 2	4·53	115	+47	3·8	− 0·1	30	1005
10. IRELAND, SOUTH ...	73	37	60·7	50·0	55·1	− 0·3	366	− 9	0	0	20	+ 5	4·71	119	+53	3·7	− 0·8	29	1008
11. CHANNEL ISLANDS[4]	72	49	63·0	55·0	58·8	− 0·4	471	− 10	0	0	16	+ 3	3·27	84	+28	5·5	− 0·6	44	1011
MEAN: DISTRICTS 1-10	73	28	61·2	50·1	55·4	+0·5	376	+15	1	+ 1	19	+ 6	3·67	93	+36	4·0	− 0·6	31	1008

THE YEAR. Aggregates, &c., for the Period of 39 Weeks, December 30th, 1923, to September 27th, 1924.

0. SCOTLAND, NORTH...	81	12	52·0	41·6	46·5	− 0·1	1688	− 94	450	− 68	178	− 1	34·61	880	+ 1	3·5	− 0·1	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·5	40·1	46·0	− 1·1	1715	−270	615	+28	173	+21	24·29	617	+65	3·7	− 0·5	27	1009
2. ENGLAND, N.E. ...	87	16	54·8	42·2	48·3	− 0·4	2224	− 64	516	+66	138	+ 2	19·29	489	+48	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	56·7	43·7	49·9	0·0	2629	+ 5	476	+ 9	137	+ 6	19·95	505	+82	4·9	− 0·1	37	1013
4. MIDLAND COUNTIES	87	15	56·2	42·2	48·9	− 0·6	2402	−144	516	+20	145	+15	23·74	603	+131	4·0	− 0·5	30	1012
5. ENGLAND, S.E. ...	86	17	56·8	44·1	50·2	− 0·8	2644	−148	398	+41	138	+11	23·30	594	+137	5·2	0·0	39	1013
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·7	41·9	47·6	− 0·9	1977	−209	457	+66	171	+12	31·57	800	− 14	3·7	− 0·6	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·5	43·9	49·2	− 0·3	2265	−127	366	+ 6	162	+18	27·02	685	+72	4·0	− 0·5	30	1011
8. ENGLAND, S.W.[3] ...	84	14	55·6	44·6	49·8	− 0·8	2449	−186	309	+25	151	+ 8	31·91	809	+159	4·4	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·4	43·7	48·8	− 0·4	2154	−118	287	− 26	190	+14	30·43	772	+93	3·6	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	56·1	44·9	50·3	− 0·4	2480	−137	226	− 16	179	+24	31·19	791	+88	3·7	− 0·8	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·7	48·1	52·2	− 0·6	2874	−185	88	− 12	150	+ 4	23·82	607	+80	5·5	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	55·1	43·1	48·9	− 0·6	2294	−140	417	+22	158	+13	26·27	667	+86	4·1	− 0·4	31	1011
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION					WESTERN SECTION					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Deficient	Deficient	Moderate	Moderate	Moderate	Moderate	Deficient	Moderate	Moderate	Deficient	Deficient	Moderate
	Rainfall ..	Light	Moderate	Heavy	Heavy	Heavy	Very Heavy	Moderate	Heavy	Heavy	Moderate	Heavy	Heavy
	Sunshine ..	Abundant	Very Abundant	Abundant	Moderate	Abundant	Moderate	Abundant	Abundant	Abundant	Abundant	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 4 weeks from August 31st, 1924	Warmth ..	1, 2, 1	0, 3, 1	2, 2, 0	3, 1, 0	3, 1, 0	1, 3, 0	1, 2, 1	1, 3, 0	1, 3, 0	1, 2, 1	1, 2, 1	0, 4, 0
	Rainfall ..	2, 0, 2	2, 1, 1	3, 0, 1	2, 2, 0	3, 0, 1	2, 1, 1	2, 1, 1	3, 0, 1	3, 0, 1	2, 1, 1	3, 0, 1	2, 1, 1
	Sunshine ..	2, 2, 0	3, 1, 0	1, 1, 2	0, 3, 1	1, 1, 2	0, 3, 1	1, 2, 1	1, 1, 2	1, 0, 3	1, 1, 2	0, 2, 2	0, 3, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

In all parts of the British Islands the weather continued to be of a very unsettled character. There were considerable bright periods, but the total amount of rainfall for the week over the country as a whole was in excess of the normal. Individual measurements exceeding 25mm. were registered at a number of places, among the largest amounts being 49mm. at Killarney on the 22nd, 53mm. at Crathes (Kincardine) and 48mm. at Aberdeen on the 23rd, 63mm. at Westbourne (Sussex), 60mm. at Southampton (Calshot), 52mm. at Lymington on the 25th and 40mm. at Norwich on the 26th. Gales occurred in several places, notably at the beginning of the week when they were decidedly severe. At Southport during the early hours of the 21st a storm force of 65 m.p.h. was recorded for two hours, while in gusts a force of 87 m.p.h. was obtained. In some parts of Scotland and Ireland temperature did not reach 60°F., but in most parts of England the maximum temperatures ranged between 60°F. and 65°F. Screen minimum temperatures of 32°F. or slightly below were registered at one or two places in Scotland, the lowest reading being 28°F. at West Linton (Peebles) on the 27th. Ground frosts occurred at a few places in various parts of the country, the lowest grass temperatures, 24°F., occurring at Balmoral on the 22nd and at Renfrew on the 25th. The mean temperature for the week was below the normal in all Districts. Sunshine records exceeding 10 hrs. were registered at a number of stations on various days, among the largest amounts were :—10·8 hrs. at Scarborough on the 21st, 10·7 hrs. in London (Greenwich) and 10·6 hrs. at Margate, Portsmouth and Wisley (Surrey) on the 24th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·9 hrs. at Armagh to −1·0 hrs. at Cromer. Thunderstorms occurred in several parts of the country and in some places hail was reported. Solar halos were observed at a number of stations on various days during the week.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	57	26th	44	25th	53·7	46·3	49·8	+0·7	5	1·52	39	+19
Orkneys	Deerness	160	p	57	22, 26	43	22nd	54·6	45·1	49·6	− 0·1	6	0·24	6	− 14
Hebrides	Stornoway ¶	51	t	57	27th	33	23rd	54·7	40·9	47·5	− 2·5	3	0·46	12	− 15
	Castlebay	37	t	56	26, 27	46	24th	54·7	47·7	51·0	—	4	0·12	3	—
Caithness	Wick ... ¶	81	t	56	22, 27	36	23rd	53·6	41·4	47·2	− 2·8	4	0·26	7	− 9
Ross and Cromarty	Strathpeffer ¶	125	a	58	26th	32	23rd	55·3	39·1	46·8	− 3·5	2	0·04	1	− 13
	Achnashellach ¶	225	h	57	26th	34	24th	53·4	38·9	45·8	—	5	0·68	17	—
Inverness	Inverness	242	h	57	26th	36	23rd	54·7	41·1	47·6	—	4	0·50	13	—
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	58	25, 26	35	24th	55·7	41·1	48·1	—	4	0·34	9	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	55	21, 22, 27	34	23rd	54·0	41·0	47·2	− 3·1	6	0·39	10	− 3
Elgin	Gordon Castle ¶	101	p	59	26th	34	23rd	55·3	41·0	47·8	− 3·2	5	0·46	12	− 4
Aberdeen	Aberdeen ... ¶	46	t	58	21, 26, 27	35	22nd	55·7	40·6	47·8	—	4	1·92	49	+35
	Balmoral ... ¶	930	a	55	26th	29	23, 27	52·3	34·1	42·8	− 4·8	5	0·52	13	− 3
Perth	Crieff ... ¶	478	p	60	26, 27	34	25th	56·3	38·3	46·9	− 4·2	3	0·69	18	0
Forfar	Dundee	147	a	60	21, 25	38	25th	57·7	41·9	49·4	—	2	0·69	18	—
Fife	Inchkeith ... ¶	190	t	58	26th	42	25th	55·1	45·7	50·2	—	3	0·69	17	—
Midlothian	Edinburgh ...	441	p	57	27th	40	25th	54·1	43·0	48·3	− 3·0	3	0·61	15	+ 3
Peebles	West Linton ¶	770	a	60	25th	28	27th	54·4	34·6	44·0	− 3·9	4	0·62	16	—
Berwick	Marchmont ¶	498	a	59	27th	36	25th	55·9	41·3	48·3	− 2·0	4	0·59	15	− 1
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	60	26th	33	24, 27	56·7	36·4	46·1	—	3	0·63	16	—
Renfrew	Renfrew ... ¶	36	t	59	26th	29	25, 26	55·7	35·1	44·9	—	3	0·55	14	—
Bute	Rothesay ... ¶	200	p	58	25, 26	40	25th	55·3	42·9	48·8	− 3·3	5	0·51	13	− 14
Ayr	Kilmarnock ¶	90	a	63	25th	35	24, 25	58·7	38·9	48·3	− 2·6	3	0·71	18	− 3
	Colmonell... ¶	170	a	61	26th	37	22, 26	59·1	41·0	49·6	− 2·2	4	0·51	13	− 11
Dumfries	Dumfries ... ¶	140	p	59	25, 27	37	27th	56·4	41·7	48·7	− 3·4	3	0·79	20	+ 1
	Eskdalemuir ...	794	t	56	25, 27	33	25, 27	53·9	38·0	45·6	—	5	0·98	25	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	3·5	—	30	—	—	—	—	—	—
Deerness §	3·7	+0·6	31	—	—	—	—	—	—
Stornoway §	4·8	+1·4	40	—	—	—	—	—	—
Castlebay ...	7·2	—	61	—	—	—	—	—	—
Achnashellach	—	—	—	4	25	—	—	—	—
Inverness §	3·1	—	26	2	28	—	—	—	—
Onich ...	2·6	—	22	3	27	—	—	—	—
Nairn §	3·1	—	26	—	—	—	—	—	—
Gordon Castle	3·5	—	29	—	—	—	—	—	—
Aberdeen §	6·0	+2·4	51	3	27	—	—	52·2	+0·2
Balmoral ...	—	—	—	4	24	—	—	—	—
(Kinc.)Crathes §	5·9	+2·5	50	4	25	48·3	—	50·5	—
Dundee §	6·4	—	54	0	33	52·9	—	—	—
Inchkeith ...	6.5	—	55	0	37	—	—	—	—
Edinburgh §	5·9	+2·4	50	0	34	—	—	—	—
West Linton...	—	—	—	—	—	—	—	—	—
Marchmont §	4·7	+1·3	40	—	—	—	—	—	—
Ford ...	—	—	—	1	29	52·9	—	54·2	—
Renfrew ...	5·2	—	44	6	24	—	—	—	—
Rothesay §	5·7	+2·6	48	0	32	51·0	—	53·4	+0·2
Kilmarnock ...	5·8	—	49	—	—	50·5	—	53·4	—
Colmonell ...	—	—	—	0	34	—	—	—	—
Dumfries ...	4·0	—	34	1	29	53·0	− 0·1	54·4	− 0·8
Eskdalemuir §	3·1	− 0·1	27	2	28	—	—	—	—

* *t* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
6b. ISLE OF MAN.														
I. of Man	Douglas ... ¶	284	h	59	27th	44	27th	56·6	46·9	51·5	− 1·3	4	1·52	39
2. ENGLAND, N.E.														
Northumberland	Cockle Park ¶	324	p	61	27th	38	26th	58·4	40·9	49·2	− 1·2	4	1·52	39
	Tynemouth ¶	118	t	63	27th	44	25th	57·9	47·6	52·5	+0·2	5	0·78	20
Durham	Durham ... ¶	336	p	61	27th	38	21, 25	57·1	41·7	49·0	− 2·7	5	0·70	18
York, N. Riding	Rounton ... ¶	249	p	61	25, 27	42	24, 25	58·7	45·6	51·8	+0·4	5	0·54	14
	West Witton ...	605	a	64	27th	39	27th	57·1	44·1	50·3	—	6	0·81	21
	Scarborough ¶	118	h	62	21, 24	45	25th	59·7	48·3	53·7	+0·1	4	0·49	12
	York ... ¶	56	p	62	26th	43	25th	59·9	47·7	53·5	+0·4	5	0·69	18
E. Riding	Spurn Head ¶	26	t	61	21st	46	25th	57·7	49·9	53·6	− 0·9	4	0·76	19
Lincoln	Lincoln ... ¶	58	a	63	21st	41	25th	60·0	47·9	53·7	+0·1	4	0·61	15
	Cranwell ... ¶	236	t	61	21st	40	25th	58·7	46·1	52·1	− 1·6	5	0·45	11
3. ENGLAND, E.														
Norfolk	Cromer ... ¶	196	a	63	21st	42	25th	58·7	48·3	53·3	− 1·4	5	0·52	13
	Yarmouth ... ¶	13	t	63	21st	45	23, 25	59·4	50·3	54·6	+0·1	6	1·28	33
	Norwich ... ¶	93	a	63	21st	40	25th	59·4	48·4	53·6	− 0·4	6	2·13	54
	Geldeston ... ¶	37	a	64	21st	41	25th	59·8	48·7	54·0	− 0·2	5	2·21	56
Cambridge	Cambridge ¶	41	p	63	21st	40	25th	59·4	45·9	52.3	− 1·7	4	0·39	10
Hertford	Rothamsted ¶	420	a	60	21st	42	25th	56·7	48·0	52·1	− 0·9	5	0·76	19
Middlesex	Tottenham ¶	51	p	63	21st	45	25th	59·0	50·0	54·3	—	4	1·01	26
Essex	Clacton-on-Sea ¶	55	t	63	21st	49	24th	60·1	52·6	56·2	− 1·2	4	0·93	24
	Southend	90	h	65	21st	49	24th	61·1	51·7	56·2	—	6	0·79	20
4. MIDLAND COUNTIES.														
York, W. Riding	Harrogate ¶	479	t	63	27th	40	22nd	57·9	44·3	50·8	− 0·5	5	0·99	25
	Sheffield	429	p	61	21st	43	25th	58·4	47·0	52·4	—	6	1·24	32
Derby	Buxton	987	p	59	27th	42	25th	55·3	44·7	49·8	− 0·2	6	1·37	35
Nottingham	Worksop(Hods'ck)¶	56	a	63	21, 27	39	25th	61·4	46·4	53·5	+0·9	5	0·96	24
	Nottingham ¶	192	a	61	21st	44	25th	58·7	48·3	53·3	+0·8	5	0·40	10
Warwick	Birmingham (Edg)¶	525	t	61	21, 27	44	25th	58·0	46·6	52·0	− 0·9	7	0·89	23
Northampton	Oundle ... ¶	147	a	61	21, 22	40	25th	58·1	46·7	52·1	—	3	0·41	11
Oxford	Oxford ... ¶	208	p	62	21, 27	45	25th	59·4	47.9	53·4	− 0·4	5	1·30	33
Stafford	Cheadle ... ¶	646	a	62	27th	43	25, 27	57·3	45·4	51·1	− 0·5	6	1·02	26
Worcester	Tenbury ... ¶	313	p	64	27th	43	27th	58·7	46·4	52·3	− 0·1	6	1·34	34
	Malvern	377	h	61	21st	44	25th	57·1	47·6	52·1	—	6	1·60	41
Hereford	Hereford ... ¶	291	a	62	21, 27	42	23rd	58·9	44·7	51·5	− 1·3	6	1·93	49
Gloucester	Clifton ... ¶	225	a	61	21, 26, 27	46	23rd	58·9	48·4	53·4	− 1·5	6	1·37	35
5. ENGLAND, S.E.														
London	Westminster ...	27	a	63	21, 27	48	25th	60·1	51·6	55·7	− 0·1	5	0·89	23
	Greenwich ‡ ...	149	a	66	21st	43	25th	61·0	49·4	54·9	− 0·1	5	1·17	30
	Hampstead ...	450	a	61	21st	47	24, 25	57·7	48·9	53·1	—	5	0·99	25
	Camden Square ...	110	a	65	21st	43	24th	60·9	50·0	55·2	− 0·6	5	0·98	25
Surrey	Richmond (KewO)¶	18	t	63	21st	45	25th	59·5	50·5	54·8	+0·3	5	1.08	27
	Wisley ... ¶	150	a	63	21st	46	25th	59·7	49·7	54·5	+0·7	7	1·68	43
Kent	Tunbridge Wells ¶	354	h	64	27th	44	25th	60·0	49·3	54·4	+0·1	5	1·49	38
	Margate ... ¶	51	h	65	21st	48	24, 25	60·6	51·4	55·8	− 0·6	6	1·84	47
	Dungeness ¶	21	t	63	21st	50	25th	60·1	53·9	56·9	+1·0	6	1·00	25
Sussex	St. Leonards ¶	178	h	62	21, 27	48	24, 25	59·7	51·6	55·5	− 0·5	5	1·00	25
	Worthing	36	h	63	21st	49	24th	59·8	53·0	56·2	—	6	1·87	47
I. of Wight	Ventnor ... ¶	59	a	64	27th	51	24, 26, 27	60·9	52·3	56·4	− 0·8	6	1·93	49
Hampshire	Southampton ¶	64	p	63	21st	47	24th	60·7	50·0	55·1	− 0·8	6	3·06	78
Wiltshire	Marlborough ¶	424	a	60	21, 27	42	21st	58·0	45·7	51·6	− 0·5	6	2·47	63
	Porton ¶	363	a	61	21, 26	43	23, 25	59·0	45·7	52·0	—	5	1·69	43
7a. ENGLAND, N.W.														
Cumberland	Aspatria(Mealsg'e)¶	487	p	57	21, 27	40	27th	54·9	43·9	49·1	− 2·8	5	0·83	21
	Newton Rigg ¶	559	p	60	25, 27	34	27th	56·9	40·0	48·0	− 2·8	6	1·35	34
Lancashire	Stonyhurst ¶	377	a	60	26th	44	27th	56·6	46·1	51·1	− 0·9	5	0·77	19
	Blackpool ¶	66	h	60	27th	40	27th	58·0	46·6	52·0	− 1·4	5	1·25	32
	Southport ¶	37	h	60	21st	42	27th	58·2	47·5	52·6	− 0·7	6	1·09	28
Manchester	Whitworth Pk. ¶	125	p	61	21st	45	27th	58·9	48·1	53·2	− 0·8	6	0·89	23
Cheshire	Liverp'l (Bidston) ¶	189	a	60	21st	45	23rd	57·7	47·6	52·4	− 1·4	6	1·08	27
7b. NORTH WALES.														
Flint	Hawarden Bridge¶	22	a	61	27th	46	27th	58·9	48·9	53·7	− 0·5	6	0·96	24
Carnarvon	Llandudno ¶	22	h	60	21st	43	27th	57·9	48·4	52·9	− 2·0	5	1·48	37
Anglesey	Holyhead ¶	26	t	59	21st	48	22, 27	57·1	49·7	53·2	− 1·4	5	1·67	43
8a. SOUTH WALES.														
Cardigan	Aberystwyth ¶	59	h	60	21, 26, 27	42	27th	58·0	48·7	53·1	—	5	1·44	37
Pembroke	St. Ann's Hd. ¶	150	t	61	27th	48	27th	57·3	50·3	53·6	− 1·4	4	0·99	25
Radnor	Rhayader ¶	757	a	62	27th	40	27th	54·6	44·6	49·4	—	6	2·07	53
Glamorgan	Cardiff ... ¶	202	p	63	27th	45	24th	58 9	47·7	53·0	− 0·8	6	1·96	50
8b. ENGLAND, S.W.														
Somerset	Bath ... ¶	66	h	62	21, 27	46	25th	59·7	49·3	54·3	+0·1	5	0·99	25
Dorset	Shaftesbury ¶	722	a	62	27th	42	26th	56·9	45·9	51·1	− 2·4	6	0·55	14
	Portland Bill ¶	19	t	60	21, 26, 27	50	26, 27	58·9	52·7	55·7	− 0·8	5	0·96	25
Devon	Arlington ¶	613	a	61	21st	43	27th	57·6	46·5	51·8	− 1·4	5	1·80	46
	Cullompton ¶	202	a	64	21, 27	43	24th	61·0	46·9	53·6	− 0·4	6	1·57	40
	Plymouth ¶	116	p	63	27th	44	23rd	60·0	48·7	54·1	− 1·5	6	1·57	40
Cornwall	Newquay ... ¶	190	h	61	21st	49	25th	58·4	50·7	54·4	− 1·5	6	0·93	24
	Falmouth ¶	167	h	64	27th	46	24th	59·9	49·0	54·2	− 1·3	5	1·41	36
9. IRELAND, N.														
Donegal	Malin Head ¶	53	t	56	26th	42	22nd	54·4	46·1	50·1	− 3·0	4	1·17	30
Mayo	Blacksod Point ¶	10	t	56	22, 26, 27	45	22, 23, 27	55·1	46·0	50·3	− 3·7	6	1·39	35
	Mallaranny ...	120	a	60	26th	42	27th	57·4	44·4	50·6	—	4	1·48	38
Sligo	Markree Castle ¶	122	p	60	22, 26	36	22, 27	57·9	40·6	48·8	− 2·9	4	0·93	24
Armagh	Armagh ... ¶	204	p	59	22, 24, 27	37	26, 27	57·3	41·3	48·9	− 3·2	4	1·03	26
Down	Donaghadee ¶	35	t	60	21st	42	22nd	57·7	46·4	51·8	− 1·3	3	1·06	27
10. IRELAND, S.														
Dublin	Dublin City ¶	54	p	58	21, 27	43	24, 27	55·9	45·6	50·5	− 3·6	5	1·05	27
King'sCounty	Birr Castle ¶	175	t	60	26, 27	39	26th	56·3	43·0	49·3	− 3·0	4	0·74	19
Kilkenny	Kilkenny ¶	182	a	61	26, 27	37	27th	57·0	43·0	49·7	− 3·2	4	0·78	20
Waterford	Waterford ¶	137	a	63	27th	42	27th	57 9	44·9	51·1	− 2·6	5	1·09	28
	Seskin, Carrick-on-Suir	542	p	59	27th	38	27th	54·6	42.4	48·2	—	4	0·88	22
Limerick	Foynes ... ¶	50	a	60	27th	44	22nd	56·1	46·3	51·0	− 2·9	4	1·80	46
Kerry	Cahirciveen ¶	30	t	58	26th	42	27th	55·6	47·6	51·4	− 3·5	4	2·52	64
	Killarney ¶	174	a	65	26th	43	22nd	58·1	45·5	51·5	− 2·9	4	2·83	72
Cork	Roche's Point ¶	32	t	60	26th	44	22nd	56·0	46·4	51·0	− 3·9	6	0·64	16
11. CHANNEL ISLES & SCILLY.														
Scilly	St. Mary's ¶	131	t	61	21, 27	49	23, 24	58·6	50·9	54·6	− 2·4	5	0·67	17
Guernsey	Grange ... ¶	173	p	63	21st	50	22, 24	60·3	51·9	55·9	− 2·3	5	1·57	40
Jersey	St. Heliers ¶	28	h	63	21st	52	24, 25, 26	61·0	54·0	57·3	− 0·8	5	1·79	45

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature, Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	5·8	+1.7	48	0	38	—	—	—	—
Cockle Park §	5·6	+1·6	47	0	34	49·4	− 1·3	52·1	0·0
Tynemouth ...	—	—	—	0	38	—	—	—	—
Durham §	4·4	+0·8	37	0	32	—	—	—	—
Rounton ...	—	—	—	1	29	54·9	—	—	—
West Witton	—	—	—	0	32	51·1	—	52·3	—
Scarborough †§	6·0	+1·9	51	0	40	—	—	55·9	—
York §	6·0	+2·3	51	—	—	54·9	− 0·1	55·4	− 0·2
Spurn Head...	5·1	—	43	—	—	—	—	—	—
Lincoln ...	—	—	—	0	40	54·7	0·0	56·4	+0·4
Cranwell §	5·3	+0·8	44	0	33	—	—	—	—
Skegness §	5·6	+0·9	47	—	—	—	—	—	—
Cromer §	3·8	− 1·0	32	—	—	—	—	—	—
Yarmouth §	4·5	—	38	0	41	56·7	− 0·1	58·0	0·0
Norwich ...	4·5	—	38	0	36	55·2	—	—	—
Geldeston §	4·5	− 0·3	38	—	—	—	—	—	—
Cambridge §	4·7	0·0	40	0	35	56·8	+0·5	58·5	+0·9
Rothamsted §	5.1	+0·4	43	0	35	54·3	—	—	—
Tottenham §	4·9	—	42	—	—	—	—	—	—
Clacton-on-Sea§	4·8	− 0·5	41	0	44	56·9	− 0·1	58·5	+0·3
Southend ...	4·4	—	37	0	46	58·2	—	—	—
Harrogate §	5·9	+1·9	50	0	40	52·6	− 0·2	53.5	0·0
Sheffield §	5·0	+1·4	42	0	39	53·7	0·0	54·7	+0·3
Buxton ...	4·8	—	41	0	39	52·3	+0·1	54·0	+0·1
Worksop §	5·1	+1·5	43	0	32	54·4	—	55·1	—
Nottingham §	5·5	+1·7	46	0	39	53·8	0·0	56·1	+0·1
Birmingham §	4·2	+0·9	35	0	41	51·4	− 1·0	52·7	− 0·3
Oundle ...	5·6	—	47	0	32	55·7	—	56·4	—
Oxford §	4·5	0·0	38	0	38	—	—	—	—
Cheadle ...	—	—	—	0	39	—	—	—	—
Tenbury ...	—	—	—	0	34	54·5	—	—	—
Malvern ...	6.5	—	55	0	34	55·3	—	57·1	—
Ross on Wye§	5·5	—	47	0	38	54·9	—	56·7	—
Clifton §	4·7	+0·4	40	0	36	—	—	—	—
Westminster	4·8	+1·2	40	0	41	—	—	—	—
Greenwich ...	5·0	+0·6	43	0	34	—	—	—	—
Hampstead ...	4·9	—	41	0	37	—	—	—	—
Camden Square	—	—	—	0	42	56·3	—	56·8	—
Richmond § (Kew Obs.)	4·9	+0·6	42	0	37	56·5	+0·8	57·7	+1·0
Wisley §	5·2	+0·7	44	0	36	56·9	+0·8	57·4	+0·3
Tunbridge W'ls§	4·5	− 0·4	38	0	35	57·8	—	58·9	—
Margate §	4·7	− 0·1	39	0	42	58·1	+0·7	60·5	+1·9
Folkestone §	3·7	—	31	0	42	—	—	58·7	—
St. Leonards §	4·7	− 0·6	39	0	42	58·9	—	59·7	—
Worthing §	4·7	− 0.7	39	0	47	58·5	+1·1	59·6	+0·8
Ventnor §	5·4	+0·4	46	—	—	—	—	—	—
Southampton§	6·1	+1·1	51	—	—	—	—	—	—
Marlborough§	4·9	+0 8	42	0	38	53·8	—	55·9	—
Porton ...	6.1	—	51	0	40	54·9	—	—	—
Aspatria §	4·1	0·0	35	0	35	51·8	− 0·6	52·6	− 1·0
Newton Rigg§	4·0	− 0·2	33	1	29	—	—	—	—
Stonyhurst §	5·2	+1·5	43	0	40	—	—	—	—
Blackpool §	5·1	+0·9	43	1	28	55·1	—	55·6	—
Southport §	5·1	+1·0	43	1	29	54·8	0·0	57·5	+0·7
Whitworth Pk.	3·3	+0·3	27	—	—	—	—	—	—
Oldham Road	3·4	+0·4	29	0	37	54·0	− 0·7	56·8	− 0·5
Bidston ...	4·3	—	36	0	40	—	—	—	—
(Ches.)Hoylake§	4·7	+0·8	39	—	—	—	—	—	—
Llandudno §	4·7	+0·4	39	—	—	—	—	—	—
Holyhead ...	5·1	—	43	0	39	—	—	—	—
Aberystwyth§	4.9	+0·6	41	—	—	—	—	—	—
St. Ann's Hd.§	4·5	+0·3	38	—	—	—	—	—	—
Rhayader §	4·0	—	34	1	30	—	—	—	—
Cardiff ...	5·6	—	48	0	35	55·4	− 0·5	56·9	− 0·2
Bath ... §	5·3	+1·1	45	—	—	57·8	—	59·1	—
Shaftesbury...	—	—	—	—	—	—	—	56·7	—
Weymouth ...	5·8	—	49	—	—	—	—	—	—
Arlington ...	—	—	—	0	39	—	—	—	—
Cullompton §	4·7	+0·9	40	0	37	55·9	—	—	—
Plymouth §	5·6	+1·2	47	0	41	56·0	− 1·2	57·7	—
Newquay §	5·9	+1·4	50	—	—	56·4	—	57·4	—
Falmouth §	6·0	+1·5	51	0	42	58·1	—	59·7	—
Malin Head...	5 6	—	48	—	—	—	—	—	—
Mallaranny ...	5·3	—	45	—	—	—	—	—	—
MarkreeC'stle§	4·7	+1·5	39	—	—	53·2	− 2·4	55·4	0·3
Armagh §	6·2	+2·9	52	0	31	52·7	− 2·2	54·6	− 0·7
Trinity Coll.	—	—	—	0	38	54·1	− 1·6	55·5	− 0·4
Phœnix Park §	4·3	+0·3	36	0	32	—	—	—	—
Dublin City...	—	—	—	0	38	—	—	—	—
Birr Castle §	4·6	+1·0	39	1	30	—	—	—	—
Seskin ...	2·8	—	23	0	39	—	—	—	—
Cahirciveen (Valencia O.)§	3.8	− 0·1	32	0	39	—	—	—	—
Ballinacurra §	4·4	+0·7	38	—	—	—	—	—	—
St. Mary's §	6·0	+1·3	50	—	—	—	—	—	—
Grange §	5·6	+0·5	47	0	45	59·2	0·0	60·3	− 0·1
St. Heliers §	5·8	+0·7	49	—	—	—	—	—	—

For footnotes see previous page.

Week ending at midnight (24h.) on Saturday, September 27th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	22, 27	7	73	55	33	0	250	29	13	27	14	41	18	27	14	5
Orkneys **Deerness (Cup Anr.)	188	16	5			Instrument out of	action p	art of we	ek.												
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	28	106	34	0	60	24	11	23	14	40	18	21	8	40
Edinburgh Edinburgh ...	485	39	31	—	0	21	4	29	104	31	0	280	29	13	21	6	44	20	21	6	0
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	19	63	58	28	70	19	9	23	8	46	21	21	10	55
Dumfries Eskdalemuir ...	825	50	22	—	0	21, 23	10	24	69	65	0	270	36	16	21	5	62	28	21	5	0
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	21, 23	11	32	110	15	0	260	38	17	21	8	62	28	21	7	20
York, E.R. Spurn Head ...	67	41	‡	21	1	21 to 26	27	95	42	3	0	240	39	17	21	4	59	26	21	3	30
Lincoln Cranwell ...	280	43	31	—	0	21	12	82	(62)	(12)	0	230	35	16	21	4	48	22	21	3	55
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	21, 23, 25 to 27	32	77	46	13	0	150	32	14	25	20	44	20	21	4	20
Essex Shoeburyness...	103	90	‡	—	0	21, 23 to 25	22	105	39	2	0	—	30	14	23	7	48	21	21	0	50
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	44	105	19	0	220	18	8	21	2	33	15	21	2	5
Surrey Croydon ...	284	40	24	—	0	—	0	57	105	6	0	220	20	9	21	3	39	17	22	11	0
Kent Lympne ...	409	70	‡	—	0	21 to 23, 25	18	103	45	2	0	250	30	13	22	12	47	21	22	11	50
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	68	75	3	22	240	23	10	21	2	41	18	22	13	0
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	21 to 23	11	107	43	7	0	260	30	13	22	12	49	22	22	12	40
Wiltshire Larkhill ...	513	63	43	—	0	22	3	77	(81)	(7)	0	280	28	13	22	12	41	18	22	11	35
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	21	8	21, 24	4	67	71	18	0	250	53	24	21	3	79	35	21	1	45
Lancashire Southport ...	80	62	48	21	9	21, 22, 24	12	62	78	7	0	240	65	29	21	2	87	39	21	2	5
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	21	4	21 to 26	32	74	47	11	0	250	51	23	21	1	73	33	21	1	5
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	22	2	22 to 24	6	74	77	9	0	—	43	19	22	22	55	25	22	23	5
Cornwall Pendennis Castle§...	256	65	24	—	0	22	4	60	76	11	17	200	30	13	22	22	43	19	22	22	10
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	21	5	21 to 25	18	69	65	11	0	250	49	22	21	1	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	21 to 23	15	72	53	28	0	—	28	12	23	3	41	18	22	3	10
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	22, 23, 25	22	75	54	17	0	270	34	15	22	23	62	28	22	23	25
Cork Weaver Pt. ...	160	30	‡	22	1	22, 23, 25	17	82	64	4	0	—	39	17	22	22	62	28	22	21	35
11a. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	21 to 26	62	68	38	0	0	280	36	16	22	7	56	25	22	21	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	Ins	trum	ent	8	4	2·0	19	13	5·7	18	8	3·4	13	11	4·8	9	13	5·6	13	9	3·9	11	6	2·7
North	und	er re	pair.	8	5	2·3	5	12	5·2	8	7	3·1	11	12	5·4	11	11	5·1	13	11	4·7	15	13	6·0
West				18	10	4 3	15	9	3·9	12	8	3·4	14	14	6·2	18	16	7·0	17	13	5·6	17	10	4·3
East				3	8	3·4	9	14	6·3	7	8	3.4	10	11	5·1	2	10	4·3	8	6	2.8	7	9	3·9
Calm (or wind-speed < 4 m.p.h.)	—	—	—	5	—	—	3	—	—	1	—	—	3	—	—	1	—	—	1	—	—	2	—	—
No record	—	—	—	0	—	—	0	—	—	0	—	—	0	—	—	5	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 2nd October, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

161

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 40.

FORTIETH WEEK.
SUNDAY, SEPTEMBER 28TH TO SATURDAY, OCTOBER 4TH, 1924.

Price 9d. Net, Post free 9½d.
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METEOROLOGICAL OFFICE LIBRARY 14 OCT 1924

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTIETH WEEK of 1924—September 28th to October 4th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	59	35	54·5	46·8	50·5	+1·5	59	+ 8	0	− 2	5	0	1·36	35	+ 4	1·1	− 1·7	9	1003
Eastern.																			
1. SCOTLAND, EAST ...	61	35	55·8	45·9	50·7	+1·5	61	+ 7	0	− 3	5	+ 1	0·70	18	+ 1	1·9	− 1·4	17	1005
2. ENGLAND, N.E. ...	65	35	59·7	46·8	53·0	+1·8	77	+12	0	− 1	3	− 1	0·54	14	− 1	3·5	− 0·2	30	1008
3. ENGLAND, EAST ...	67	35	61·0	47·0	53·8	+1·5	83	+10	0	− 1	3	− 1	0·59	15	+ 2	4·1	+0·3	36	1011
4. MIDLAND COUNTIES	65	32	59·4	44·5	51·7	+0·8	68	+ 3	0	− 3	3	− 1	0·46	12	− 2	3·3	0·0	29	1009
5. ENGLAND, S.E. ...	68	32	60·5	47·4	53·7	+0·4	82	+ 2	0	− 1	3	− 1	0·59	15	− 3	4·5	+0·6	39	1010
Western.																			
6. SCOTLAND, WEST[1] ...	62	32	55·4	45·2	50·2	− 0·3	57	− 5	0	− 1	5	+ 1	2·07	53	+27	2·0	− 1·5	18	1006
7. ENGLAND, N.W.[2] ...	63	36	58·1	47·1	52·4	+0·7	73	+ 4	0	− 1	4	0	0·54	14	− 7	2·9	− 0·4	26	1007
8. ENGLAND, S.W.[3] ...	64	34	58·4	47·1	52·6	− 0·2	74	− 2	0	0	4	0	0·70	18	− 6	3·5	− 0·3	30	1008
9. IRELAND, NORTH ...	61	31	55·2	44·3	49·6	− 1·6	53	− 12	0	0	6	+ 2	1·70	43	+23	2·8	− 0·1	25	1005
10. IRELAND, SOUTH ...	63	34	56·2	44·4	50·1	− 2·3	57	− 16	0	− 1	5	+ 1	2·00	51	+32	3·2	− 0·4	28	1007
11. CHANNEL ISLANDS[4]	64	42	58·6	49·8	54·1	− 2·0	85	− 14	0	0	5	+ 1	0·85	22	+ 1	4·9	+0·5	43	1009
MEAN: DISTRICTS 1-10	68	31	58·0	46·0	51·8	+0·2	69	0	0	− 1	4	0	0·99	25	+ 7	3·2	− 0·3	28	1008

THE SEASON (Autumn).—Aggregates, &c., for the Period of 5 Weeks, August 31st to October 4th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	73	32	57·2	46·4	51·5	+0·3	335	+10	2	− 2	23	0	6·58	168	+50	3·6	+ 0·2	29	1003
Eastern.																			
1. SCOTLAND, EAST ...	70	28	58·2	45·1	51·3	− 0·3	334	− 9	7	+ 1	24	+ 6	4·38	111	+43	4·3	+ 0·4	35	1005
2. ENGLAND, N.E. ...	71	35	61·4	49·5	55·2	+1·5	462	+48	0	− 1	21	+ 5	2·68	68	+14	4·1	− 0·3	33	1008
3. ENGLAND, EAST ...	72	35	63·1	51·6	57·1	+1·8	530	+63	0	− 1	21	+ 6	3·26	83	+26	3·9	− 1·0	31	1010
4. MIDLAND COUNTIES	72	32	61·8	49·3	55·3	+1·2	464	+37	0	− 5	21	+ 6	3·52	89	+32	3·6	− 0·6	29	1009
5. ENGLAND, S.E. ...	73	32	62·9	51·8	57·1	+0·8	529	+28	0	− 1	22	+ 7	3·78	97	+31	4·1	− 1·0	34	1011
Western.																			
6. SCOTLAND, WEST[1] ...	72	29	58·9	47·0	52·7	− 0·1	378	− 3	4	+ 2	24	+ 6	6·01	153	+43	3·5	− 0·5	28	1006
7. ENGLAND, N.W.[2] ...	69	34	60·2	50·1	54·9	+0·6	454	+24	0	− 1	23	+ 5	4·53	115	+31	3·6	− 0·6	29	1008
8. ENGLAND, S.W.[3] ...	71	34	60·9	51·0	55·8	+0·3	482	+ 9	0	0	24	+ 6	5·46	139	+51	3·8	− 0·9	30	1009
9. IRELAND, NORTH ...	69	31	58·4	48·1	53·1	− 0·4	387	− 15	0	0	25	+ 4	6·23	158	+70	3·6	− 0·1	29	1005
10. IRELAND, SOUTH ...	73	34	59·8	48·9	54·1	− 0·6	423	− 25	0	− 1	25	+ 6	6·71	170	+85	3·6	− 0·7	29	1008
11. CHANNEL ISLANDS[4]	72	42	62·1	54·0	57·9	− 0·6	556	− 24	0	0	21	+ 4	4·12	106	+29	5·4	− 0·3	43	1011
MEAN: DISTRICTS 1-10	73	28	60·6	49·2	54·7	+0·5	444	+16	1	− 1	23	+ 6	4·66	118	+43	3·8	− 0·5	31	1008

THE YEAR. Aggregates, &c., for the Period of 40 Weeks, December 30th, 1923, to October 4th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	52·0	41·7	46·6	− 0·1	1747	− 86	450	− 70	183	− 1	35·97	915	+ 5	3·5	− 0·1	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·5	40·3	46·1	− 1·1	1776	−263	615	+25	178	+22	24·99	635	+66	3·7	− 0·5	27	1009
2. ENGLAND, N.E. ...	87	16	54·9	42·3	48·4	− 0·4	2301	− 52	516	+65	141	+ 1	19·83	503	+47	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	56·8	43·8	50·0	0·0	2712	+15	476	+ 8	140	+ 5	20·54	520	+84	4·8	− 0·2	37	1013
4. MIDLAND COUNTIES	87	15	56·3	42·3	49·0	− 0·6	2470	−141	516	+17	148	+14	24·20	615	+129	3·9	− 0·5	30	1012
5. ENGLAND, S.E. ...	86	17	56·9	44·2	50·3	− 0·7	2726	−146	398	+40	141	+10	23·89	609	+134	5·1	− 0·1	39	1013
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·8	42·0	47·6	− 1·0	2034	−214	457	+65	176	+13	33·64	853	+13	3·6	− 0·7	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·6	44·0	49·3	− 0·2	2338	−123	366	+ 5	166	+18	27·56	699	+65	4·0	− 0·5	30	1011
8. ENGLAND, S.W.[3] ...	84	14	55·6	44·6	49·9	− 0·8	2523	−188	309	+25	155	+ 8	32·61	827	+153	4·4	− 0·5	33	1013
9. IRELAND, NORTH ...	73	18	54·4	43·7	48·9	− 0·3	2207	−130	287	− 26	196	+16	32·13	815	+116	3·6	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	56·1	44·9	50·3	− 0·4	2537	−153	226	− 17	184	+25	33·19	842	+120	3·7	− 0·8	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·7	48·1	52·3	− 0·6	2959	−199	88	− 12	155	+ 5	24·67	629	+81	5·5	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	55·2	43·2	49·0	− 0·5	2362	−139	417	+21	163	+13	27·26	692	+93	4·1	− 0·5	31	1011
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Deficient	Moderate
	Rainfall ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Heavy	Light	Moderate	Heavy	Heavy	Moderate
	Sunshine ..	Very Scanty	Scanty	Moderate	Moderate	Moderate	Moderate	Scanty	Moderate	Moderate	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 5 weeks from August 31st, 1924	Warmth ..	2, 2, 1	1, 3, 1	3, 2, 0	4, 1, 0	3, 2, 0	1, 4, 0	1, 3, 1	1, 4, 0	1, 4, 0	1, 3, 1	1, 2, 2	0, 5, 0
	Rainfall ..	2, 1, 2	2, 2, 1	3, 1, 1	2, 3 0	3, 1, 1	2, 2, 1	3, 1, 1	3, 0, 2	3, 1, 1	3, 1, 1	4, 0, 1	2, 2, 1
	Sunshine ..	2, 2, 1	3, 1, 1	1, 2, 2	0, 4, 1	1, 2, 2	0, 4, 1	1, 2, 2	1, 2, 2	1, 1, 3	1, 2, 2	0, 3, 2	0, 4, 1

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather in most parts of our Islands was of a changeable character. Showers occurred in all parts of the country and in places the measurements of rain were rather large. There were several bright periods and in some parts sunshine varying between 9 hrs. and 10 hrs. were obtained, among the largest amounts being 10·0 hrs. at Brighton and 10·2 hrs. at Littlehampton and Worthing on September 28th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·6 hrs. at Ventnor to −1·7 hrs. at Rothesay (Bute). Maximum temperatures of 65°F. or slightly above were recorded in places, the highest readings, 68° F., being registered at Dungeness and Hull on September 30th. Screen minimum temperatures of about 32° F. occurred at a few stations on various dates, but on one or two occasions during the week the nights were decidedly warm, some places registering screen minima round about 55° F. Ground frosts occurred in some parts of our Islands, the lowest temperature on the grass, 25° F., being recorded at Renfrew on October 1st. The mean temperature for the week was appreciably below the normal in Ireland and the Channel Islands, but in several of the other Districts it was above normal. The total amount of rainfall for the week varied a good deal but in Scotland W. and the Irish Districts it was considerably in excess of the normal. There were several individual amounts of 25mm. or more recorded, notably on the first two days of the week; among the largest measurements were:—35mm. at Onich (Inverness) and 31mm. at Cahirciveen (Valencia Observatory) on September 28th, 40mm. at Seskin (Carrick-on-Suir) and 39mm. at Colmonell (Ayr) on the 29th, while the total for the two days 28th and 29th at Waterford was 73mm., Ford (Argyll) 63mm. and Roche's Point 62mm. Thunderstorms occurred at a few places and in some parts of our Islands mist or fog was reported. Solar halos were observed at Tenbury on September 28th, at Dublin on October 1st, at Clacton on the 3rd and at Oxford on September 29th and 30th and October 2nd, 3rd and 4th. A lunar halo was seen at Oxford on October 3rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	*t*	58	29th	48	28th	54·4	50·0	52·1	+3·7	5	1·13	29
Orkneys	Deerness	160	*p*	57	30th	46	1st	55·3	49·0	52·1	+3·1	5	0·81	21
Hebrides	Stornoway ¶	51	*t*	56	29th	37	3rd	53·3	44·7	48·9	- 0·2	5	1·55	39
	Castlebay	37·	*t*	55	1, 3, 4	45	3rd	53·9	48·6	51·2	—	4	0·91	23
Caithness	Wick ... ¶	81	*t*	57	30th	44	1st	54·3	48·4	51·3	+2·3	5	0·47	12
Ross and	Strathpeffer ¶	125	*a*	59	2nd	35	1st	55·3	45·1	50·1	+1·1	3	0·53	13
Cromarty	Achnashellach ¶	225	*h*	59	2nd	38	1st	54·3	46·6	50·3	—	6	1·32	34
Inverness	Inverness	242	*h*	58	29th	40	1st	54·6	47·0	50·7	—	5	0·37	9
	Fort Augustus ¶	68	*a*	59	1, 2	35	1st	55·0	45·1	49·9	+0·6	4	1·62	41
	Onich ... ¶	48	*h*	57	29th	37	1st	54·7	47·7	51·1	—	5	2·90	74
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	59	29th	37	1st	55·4	46·3	50·7	+2·0	7	0·51	13
Elgin	Gordon Castle ¶	101	*p*	60	28, 30	41	1st	57·6	46·4	51·8	+2·2	5	0·56	14
Aberdeen	Aberdeen ... ¶	46	*t*	61	30th	43	28th	58·4	49·1	52·6	—	4	0·38	10
	Balmoral ... ¶	930	*a*	56	29th	38	1st	53·3	44·0	48·5	+2·4	6	0·82	21
Perth	Crieff ... ¶	478	*p*	60	4th	37	1st	55·3	45·6	50·3	+0·7	6	1·40	36
Forfar	Dundee	147	*a*	62	4th	44	1st	58·0	48·1	52·9	—	5	0·81	21
Fife	Inchkeith ... ¶	190	*t*	59	4th	43	1st	56·7	49·1	52·8	—	3	0·15	4
Midlothian	Edinburgh ...	441	*p*	59	28, 4	41	1st	56·4	46·7	51·4	+1·5	5	0·24	6
Peebles	West Linton ¶	770	*a*	59	28, 4	35	1st	55·0	42·4	48·5	+1·9	7	1·23	31
Berwick	Marchmont ¶	498	*a*	61	30th	39	28, 1	56·9	44·1	50·3	+1·5	5	0·53	13
6*a*. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	59	4th	32	1st	54·0	41·9	47·8	-	4	2·99	76
Renfrew	Renfrew ... ¶	36	*t*	59	4th	32	1st	55·7	45·0	50·2	—	5	1·40	36
Bute	Rothesay ... ¶	200	*p*	58	4th	40	1st	54·8	45·1	49·7	- 0·9	7	2·39	61
Ayr	Kilmarnock ¶	90	*a*	62	4th	34	1st	55·7	45·7	50·6	+1·3	6	2·02	51
	Colmonell... ¶	170	*a*	61	4th	37	1st	55·6	45·3	50·3	- 0·2	4	3·06	78
Dumfries	Dumfries ... ¶	140	*p*	60	4th	37	1st	56·6	45·6	50·9	+0·5	6	0·99	25
	Eskdalemuir ...	794	*t*	57	4th	31	1st	53·3	42·1	47·5	-	6	2·09	53

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	1·5	—	13	—	—	—	—	—	—
Deerness §	1·2	- 1·5	11	—	—	—	—	—	—
Stornoway §	1·7	- 1·4	15	—	—	—	—	—	—
Castlebay ...	2·8	—	25	—	—	—	—	—	—
Achnashellach	—	—	—	1	28	—	—	—	—
Inverness §	0·3	—	3	0	36	—	—	—	—
Onich ...	0·2	—	2	0	32	—	—	—	—
Nairn §	0·5	—	4	—	—	—	—	—	—
Gordon Castle	1·4	—	12	—	—	—	—	—	—
Aberdeen §	2·1	- 1·5	18	0	32	—	—	51·2	- 0·3
Balmoral ...	—	—	—	0	32	—	—	—	—
(Kinc.)Crathes §	2·1	- 1·3	19	1	30	49·9	—	49·9	—
Dundee §	2·1	—	19	0	38	51·9	—	—	—
Inchkeith ...	2·2	—	20	0	40	—	—	—	—
Edinburgh §	2·4	- 1·2	21	0	38	—	—	—	—
West Linton...	—	—	—	1	28	—	—	—	—
Marchmont §	2·4	- 0·8	21	—	—	—	—	—	—
Ford ...	—	—	—	1	30	52·3	—	53·8	—
Renfrew ...	1·5	—	13	2	25	—	—	—	—
Rothesay §	1·4	- 1·7	13	0	32	50·3	—	52·0	- 0·6
Kilmarnock ...	1·6	—	14	—	—	50·6	—	52·3	—
Colmonell ...	—	—	—	0	36	—	—	—	—
Dumfries ...	2·1	—	18	1	26	52·3	+0·4	53·3	- 1·0
Eskdalemuir §	2·0	- 1·5	17	2	27	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 9h. and 18h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
6b. ISLE OF MAN.														
I. of Man	Douglas ... ¶	284	h	58	4th	41	1st	55·9	48·0	51·8	+0·3	5	1·60	41
2. ENGLAND, N.E.														
Northumberland	Cockle Park ¶	324	p	61	28th	39	28th	57·9	45·1	51·3	+2·6	4	0·25	6
	Tynemouth ¶	118	t	62	30th	43	2nd	58·3	48·0	53·0	+2·4	5	0·16	4
Durham	Durham ... ¶	336	p	60	28,30,1	35	2nd	58·0	43·6	50·6	+0·7	3	0·48	12
York,	Rounton ... ¶	249	p	62	30th	39	2nd	59·4	45·3	52·1	+2·5	4	0·55	14
N. Riding	West Witton ...	605	a	60	28, 1	37	28, 2	57·9	45·0	51·3	—	3	0·28	7
	Scarborough ¶	118	h	57	1st	45	28th	60·1	49·6	54·7	+2·8	3	1·30	33
	York ... ¶	56	p	65	30th	37	28th	61·7	46·0	53·6	+2·4	3	0·57	14
E. Riding	Spurn Head ¶	26	t	63	28th	47	28, 4	59·9	49·9	54·8	+2·0	3	0·33	8
Lincoln	Lincoln ... ¶	58	a	64	29, 30	42	2nd	61·4	47·6	54·3	+2·7	2	0·58	15
	Cranwell ... ¶	236	t	65	30th	40	2nd	60·7	45·7	53·0	+1·3	2	0·67	17
3. ENGLAND, E.														
Norfolk	Cromer ... ¶	196	a	66	1st	44	2nd	63·1	48·7	55·7	+2·8	4	0·98	25
	Yarmouth ... ¶	13	t	62	28-2, 4	46	2, 3	61·4	50·0	55·5	+2·7	2	0·63	16
	Norwich ... ¶	93	a	66	1st	37	28th	61·3	45·9	53·4	+1·3	3	0·84	21
	Geldeston ... ¶	37	a	67	1st	35	28th	62·4	45·4	53·7	+1·3	2	0·56	14
Cambridge	Cambridge ¶	41	p	66	30th	35	28th	61·7	45·4	53.3	+1·3	3	0·40	10
Hertford	Rothamsted ¶	420	a	62	29, 30	36	28th	53·4	44·3	51·1	- 0·1	3	0·48	12
Middlesex	Tottenham ¶	51	p	63	30th	41	28, 3	59·7	47·0	53·2	—	3	0·69	18
Essex	Clacton-on-Sea ¶	55	t	62	30, 1	37	28th	59·7	49·4	54·4	+1·1	2	0·17	4
	Southend ...	90	h	67	30th	41	28th	62·4	49·6	55·8	—	2	0·21	5
4. MIDLAND COUNTIES.														
York,	Harrogate ¶	479	t	61	28, 30	40	2nd	58·7	45·9	52·1	+2·5	4	0·57	15
W. Riding	Sheffield ... ¶	429	p	62	30th	40	2nd	59·1	46·4	52·6	—	3	0·45	11
Derby	Buxton ... ¶	987	p	58	28th	34	2nd	56·4	42·4	49·2	+1·3	4	0·34	9
Nottingham	Worksop(Hods'ck)¶	56	a	65	30th	35	28th	62·3	44·6	53·2	+2·4	4	0·44	11
	Nottingham ¶	192	a	64	30th	38	28th	60·3	45·4	52·6	+2·0	2	0·40	10
Warwick	Birmingham (Edg)¶	525	t	62	30th	38	2nd	58·6	46·1	52·2	+1·1	2	0·40	10
Northampton	Oundle ... ¶	147	a	63	30, 1	35	28th	60·6	43·0	51·5	—	2	0·32	8
Oxford	Oxford ... ¶	208	p	63	28, 30	37	28th	60·7	45·3	52·8	+0·9	2	0·59	15
Stafford	Cheadle ... ¶	646	a	60	30th	37	2nd	57·0	43·6	50·1	+0·3	3	0·60	15
Worcester	Tenbury ... ¶	313	p	61	29, 1	32	2nd	59·1	42·6	50·6	0·0	4	0·53	13
	Malvern ...	377	h	62	29th	41	2nd	58·7	46·9	52·6	—	2	0·59	15
Hereford	Hereford ... ¶	291	a	61	29th	34	28, 2	57·1	41·9	49·3	- 1·7	3	0·58	15
Gloucester	Clifton ... ¶	225	a	62	28, 29	40	2nd	59·7	46·6	53·0	+0·1	2	0·16	4
5. ENGLAND, S.E.														
London	Westminster ...	27	a	64	29th	44	28th	60·3	48·3	54·1	+0·4	3	0·67	17
	Greenwich ‡ ...	149	a	66	30th	39	28th	61·1	45·4	53·0	+0·2	3	0·79	20
	Hampstead ...	450	a	61	29, 30	41	28th	58·1	47·4	52·6	—	3	0·62	16
	Camden Square ...	110	a	64	29, 30	42	28th	60·3	47·4	53·7	+0·3	3	0·55	14
Surrey	Richmond(KewO)¶	18	t	64	30th	41	28, 3	60·1	47·1	53·4	+1·0	2	0.74	19
	Wisley ... ¶	150	a	63	30, 3	40	28th	60·3	46·0	52·9	+1·2	3	0·35	9
Kent	Tunbridge Wells¶	354	h	63	28th	38	28th	60·1	46·3	53·0	+0·6	3	0·29	7
	Margate ... ¶	51	h	64	2nd	46	28th	61·9	50·1	55·8	+1·5	2	0·78	20
	Dungeness ¶	21	t	68	30th	37	28th	61·4	49·4	55·2	+1·2	1	0·04	1
Sussex	St. Leonards ¶	178	h	63	30th	45	28th	61·1	50·3	55·5	+1·4	3	0·19	5
	Worthing ...	36	h	65	30th	42	28th	61·0	49·4	55·0	—	4	0·50	13
I. of Wight	Ventnor ... ¶	59	a	63	28, 30	48	1, 2	61·1	51·9	56·4	+0·9	6	1·27	32
Hampshire	Southampton ¶	64	p	64	28th	39	28th	60·6	47·1	53·7	- 0·2	5	1·11	28
Wiltshire	Marlborough ¶	424	a	61	28th	32	2nd	58·9	43·1	50·8	+0·6	6	0·66	17
	Porton ¶	363	a	61	28, 30	32	28th	59·1	43·0	50·8	—	3	0·44	11
7a. ENGLAND, N.W.														
Cumberland	Aspatria(Mealsg'e)¶	487	p	59	4th	39	1st	56·4	46·3	51·2	+1·1	5	0·49	13
	Newton Rigg ¶	559	p	59	1, 3	36	1st	57·6	42·4	49·8	+0·7	6	0·51	13
Lancashire	Stonyhurst ¶	377	a	60	30th	40	2nd	57·3	44·9	50·9	+0·6	3	0·41	10
	Blackpool ¶	66	h	61	28th	43	28, 2	58·4	47·9	53·0	+1·4	4	0·64	16
	Southport ¶	37	h	62	28th	42	28th	59·0	47·8	53·2	+1·6	4	0·45	11
Manchester	Whitworth Pk. ¶	125	p	62	28,29, 30	41	2nd	60·4	47·3	53·7	+1·4	2	0·34	9
Cheshire	Liverp'l (Bidston) ¶	189	a	61	28th	43	28, 2	58·0	48·4	53·1	+1·1	4	0·35	9
7b. NORTH WALES.														
Flint	Hawarden Bridge¶	22	a	63	28th	39	28th	58·6	46·1	52·2	- 0·2	3	0·50	13
Carnarvon	Llandudno ¶	22	h	62	28th	45	28th	58·9	49·6	54·1	+0·8	4	0·15	4
Anglesey	Holyhead ¶	26	t	61	4th	45	28th	57·3	50·7	53·9	+0·7	6	1·51	38
8a. SOUTH WALES.														
Cardigan	Aberystwyth ¶	59	h	62	29th	43	28th	57·9	48·6	53·1	—	5	0·47	12
Pembroke	St. Ann's Hd. ¶	150	t	61	28th	45	1st	57·7	50·3	53·9	+0·2	4	1·15	29
Radnor	Rhayader ¶	757	a	59	29th	35	28th	54·9	42·9	48·7	—	4	0·26	7
Glamorgan	Cardiff ... ¶	202	p	62	28th	38	2nd	58·4	46·3	52·2	+0·2	3	0·52	13
8b. ENGLAND, S.W.														
Somerset	Bath ... ¶	66	h	63	28th	34	2nd	60·9	45·9	53·2	+1·0	4	0·36	9
Dorset	Shaftesbury ¶	722	a	60	30th	43	1st	57·3	47·6	52·3	+0·8	5	0·38	10
	Portland Bill ¶	19	t	62	28th	50	1st	59·6	53·1	56·3	+1·4	6	0·77	20
Devon	Arlington ¶	613	a	59	28, 29	40	2nd	56·7	46·0	51·2	- 0·3	4	0·52	13
	Cullompton ¶	202	a	64	28th	34	28, 2	59·9	43·1	51·3	- 0·8	6	0·51	13
	Plymouth ¶	116	p	62	28th	42	28th	59·7	47·7	53·5	- 0·4	4	1·30	33
Cornwall	Newquay ... ¶	190	h	61	28th	43	28th	57·9	48·3	53·0	- 1·5	5	1·03	26
	Falmouth ¶	167	h	60	28, 1, 4	44	28, 1, 2	58·6	47·9	53·1	- 0·9	3	1·25	32
9. IRELAND, N.														
Donegal	Malin Head ¶	53	t	57	1st	41	1st	53·1	47·3	50·1	- 1·7	6	0·77	20
Mayo	Blacksod Point ¶	10	t	58	4th	40	4th	55·9	45·9	51·3	- 1·4	6	1·19	30
	Mallaranny ...	120	a	—	—	44	3, 4	—	43·1	—	—	5	1·94	49
Sligo	Markree Castle ¶	122	p	61	1st	31	3, 4	56·3	40·1	48·0	- 2·3	6	1·98	50
Armagh	Armagh ... ¶	204	p	57	4th	35	3rd	55·0	41·7	48·2	- 2·4	6	1·87	47
Down	Donaghadee ¶	35	t	58	4th	38	1st	55·0	47·7	51·2	- 0·5	5	2·40	61
10. IRELAND, S.														
Dublin	Dublin City ¶	54	p	58	28,29,1	39	1, 3	56·0	44·6	50·1	- 2·1	5	0·65	16
King'sCounty	Birr Castle ¶	175	t	58	1st	34	3rd	55·9	43·4	49·0	- 1·2	5	1·97	50
Kilkenny	Kilkenny ¶	182	a	57	28, 1, 3	36	1st	55·7	42·3	48·8	- 2·1	5	1·85	47
Waterford	Waterford ¶	137	a	59	28th	38	1st	56·1	44·7	50·2	- 1·8	5	3·09	78
	Seskin,Carrick-on-Suir	542	p	56	1, 4	38	1, 3	54·3	42·3	48·3	—	6	2·49	63
Limerick	Foynes ... ¶	50	a	62	1st	38	4th	56·6	45·7	51·0	- 1·1	6	1·34	34
Kerry	Cahirciveen ¶	30	t	58	29, 1	39	4th	55·6	45·4	50·9	- 2·6	6	2·36	60
	Killarney ¶	174	a	63	1st	35	3, 4	58·4	43·2	50·6	- 1·9	5	2·17	55
Cork	Roche's Point ¶	32	t	57	4th	41	1st	55·1	45·9	50·4	- 3·0	5	2·55	65
11. CHANNEL ISLES & SCILLY.														
Scilly	St. Mary's ¶	131	t	63	4th	48	1, 3, 4	58·3	50·3	54·2	- 1·1	5	1·02	26
Guernsey	Grange ... ¶	173	p	64	29th	42	2nd	60·1	48·1	53·9	- 2·1	5	0·93	24
Jersey	St. Heliers ¶	28	h	62	29th	43	2nd	57·4	51·0	54·1	- 1·8	4	0·57	14

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	2·6	- 1·2	22	0	36	—	—	—	—
Cockle Park §	2·9	- 0·7	26	0	34	49·5	- 0·5	51·1	- 0·4
Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham §	2·6	- 0·7	23	2	29	—	—	—	—
Rounton ...	—	—	—	2	28	53·6	—	—	—
West Witton	—	—	—	2	30	50·2	—	51·4	—
Scarborough †§	3·6	- 0·1	32	0	38	—	—	55·0	—
York §	3·2	- 0·1	28	—	—	53·9	- 0·1	54·7	- 0·3
Spurn Head...	4·6	—	40	—	—	—	—	—	—
Lincoln ...	—	—	—	0	39	54·1	+0·6	55·5	+0·1
Cranwell §	3·8	- 0·2	33	0	32	—	—	—	—
Skegness §	4·6	+0·4	41	—	—	—	—	—	—
Cromer §	5·0	+1·1	44	—	—	—	—	—	—
Yarmouth §	4·9	—	43	0	37	55·3	- 0·2	56·1	- 1·0
Norwich ...	4·8	—	42	0	34	53·5	—	—	—
Geldeston §	5·0	+1·1	44	—	—	—	—	—	—
Cambridge §	4·3	+0·5	38	0	34	55·7	+0·6	57·3	+0·4
Rothamsted §	3.5	- 0·3	30	0	35	53·6	—	—	—
Tottenham §	2·4	—	21	—	—	—	—	—	—
Clacton-on-Sea§	3·6	- 0·6	31	0	34	55·8	- 0·1	57·2	- 0·3
Southend ...	3·8	—	33	0	41	56·7	—	—	—
Harrogate §	3·5	+0·2	30	0	34	51·9	0·0	52.6	- 0·2
Sheffield §	2·6	- 0·4	23	0	34	52·4	- 0·4	53·8	0·0
Buxton ...	2·9	—	25	0	35	50·8	- 0·4	53·0	- 0·3
Worksop §	3·3	+0·4	29	1	30	53·6	—	53·1	—
Nottingham §	2·9	- 0·1	26	0	34	53·2	+0·5	55·0	- 0·2
Birmingham §	2·8	+0·1	24	1	29	51·0	- 0·7	52·1	- 0·6
Oundle ...	4·4	—	39	0	32	54·4	—	55·4	—
Oxford §	4·1	+0·4	36	0	32	—	—	—	—
Cheadle ...	—	—	—	0	37	—	—	—	—
Tenbury ...	—	—	—	1	29	53·2	—	—	—
Malvern ...	4.2	—	37	0	32	54·0	—	55·7	—
Ross on Wye§	3·5	—	31	1	28	54·2	—	55·6	—
Clifton §	3·5	0·0	31	0	40	—	—	—	—
Westminster	2·8	+0·1	25	0	37	—	—	—	—
Greenwich ...	3·2	- 0·3	28	1	30	—	—	—	—
Hampstead ...	3·2	—	28	0	33	—	—	—	—
Camden Square	—	—	—	0	39	54·8	—	55·9	—
Richmond § (Kew Obs.)	2·7	- 0·7	24	0	36	54·9	+0·3	56·7	+0·6
Wisley §	3·8	+0·2	34	0	32	55·6	+0·7	56·2	- 0·2
Tunbridge W'ls§	3·9	- 0·1	34	0	32	56·7	—	58·0	—
Margate §	5·2	+1·4	46	0	41	56·5	+0·4	59·0	+1·2
Folkestone §	5·4	—	47	0	40	—	—	58·1	—
St. Leonards §	5·3	+1·0	46	0	38	57·4	—	58·7	—
Worthing §	5·2	+0·8	45	0	38	57·0	+0·8	58·4	+0·4
Ventnor §	5·7	+1·6	50	—	—	—	—	—	—
Southampton§	4·2	+0·3	37	0	35	—	—	—	—
Marlborough§	3·6	+0·3	31	1	30	53·0	—	54·9	—
Porton ...	3.8	—	33	0	31	53·3	—	—	—
Aspatria §	2·4	- 1·3	21	0	36	51·3	0·0	51·9	- 1·1
Newton Rigg§	2·5	- 0·7	22	—	—	—	—	—	—
Stonyhurst §	3·2	0·0	28	0	37	—	—	—	—
Blackpool §	3·1	- 0·6	27	0	31	53·7	—	54·7	—
Southport §	3·4	- 0·2	29	0	33	53·1	- 0·3	55·8	0·0
Whitworth Pk.	2·6	+0·1	23	—	—	—	—	—	—
Oldham Road	2·2	- 0·4	19	0	37	53·8	+0·1	55·9	- 0·6
Bidston ..	2·8	—	25	0	39	—	—	—	—
(Ches.)Hoylake§	3·3	- 0·2	29	—	—	—	—	—	—
Llandudno §	3·2	- 0·7	28	—	—	—	—	—	—
Holyhead ...	2·7	—	24	0	40	—	—	—	—
Aberystwyth§	2.7	- 1·3	24	—	—	—	—	—	—
St. Ann's Hd.§	2·9	- 1·0	25	—	—	—	—	—	—
Rhayader §	2·4	—	21	2	26	—	—	—	—
Cardiff ...	2·7	—	24	0	32	54·0	- 0·8	56·1	- 0·3
Bath ... §	4·2	+0·3	37	—	—	56·2	—	57·9	—
Shaftesbury...	—	—	—	—	—	—	—	56·0	—
Weymouth ...	4·3	—	37	—	—	—	—	—	—
Arlington ...	—	—	—	0	36	—	—	—	—
Cullompton §	3·8	+0·3	33	2	29	54·0	—	—	—
Plymouth §	3·7	- 0·4	32	0	37	54·6	- 1·5	56·5	—
Newquay §	3·7	- 0·5	33	—	—	55·3	—	56·6	—
Falmouth §	4·3	0·0	37	0	39	56·7	—	58·7	—
Malin Head...	1 9	—	17	—	—	—	—	—	—
Mallaranny ...	4·8	—	42	—	—	—	—	—	—
MarkreeC'stle§	3·9	+1·1	34	—	—	52·7	- 1·9	54·4	- 0·8
Armagh §	1·8	- 1·2	15	1	28	51·8	- 2·2	53·5	- 1·3
Trinity Coll.	—	—	—	0	34	52·8	- 2·1	54·3	- 1·0
Phœnix Park §	2·2	- 1·5	19	1	30	—	—	—	—
Dublin City...	—	—	—	0	33	—	—	—	—
Birr Castle §	3·2	- 0·3	28	4	28	—	—	—	—
Seskin ...	2·6	—	23	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	4.3	+0·6	37	0	35	—	—	—	—
Ballinacurra §	3·3	- 0·3	29	—	—	—	—	—	—
St. Mary's §	3·9	- 0·3	34	—	—	—	—	—	—
Grange §	5·3	+0·7	46	0	37	56·7	- 1·4	59·2	- 0·6
St. Heliers §	5·6	+1·1	48	—	—	—	—	—	—

footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, October 4th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	28, 29, 30, 1	32	93	27	7	9	230	36	16	29	1	48	21	29	0	55
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	28, 29, 1	8	93	62	5	0	160	29	13	29	20	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	65	93	10	0	220	23	10	28	21	43	19	28	20	35
Edinburgh Edinburgh ...	485	39	31	—	0	28, 29	8	57	98	5	0	210	33	15	28	21	47	21	28	21	10
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	32	86	50	0	200	23	10	28	19	52	23	28	19	25
Dumfries Eskdalemuir ...	825	50	22	—	0	28, 29	22	34	59	53	0	200	30	13	29	9	51	23	29	8	10
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	40	103	25	0	170	24	11	29	22	43	19	29	22	10
York, E.R. Spurn Head ...	67	41	‡	—	0	29	9	45	76	38	0	180	27	12	29	21	37	17	29	21	10
Lincoln Cranwell ...	280	43	31	—	0	29	5	44	(47)	(72)	0	180	27	12	29	14	34	15	29	11	20
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	29	12	41	45	70	0	180	31	14	29	14	43	19	29	14	15
Essex Shoeburyness...	103	90	‡	—	0	29	2	52	51	63	0	—	25	11	29	20	31	14	29	19	25
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	9	65	94	0	170	17	7	29	14	32	14	29	14	15
Surrey Croydon ...	284	40	24	—	0	—	0	9	101	58	0	170	20	9	29	12	35	16	29	12	25
Kent Lympne ...	409	70	‡	—	0	—	0	42	88	38	0	170	21	9	29	11	29	13	29	10	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	21	105	42	0	200	18	8	29	10	30	13	29	10	20
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	50	80	38	0	180	24	11	29	15	41	18	29	10	20
Wiltshire Larkhill ...	513	63	43	—	0	29	1	40	(100)	(27)	0	180	25	11	29	13	34	15	29	14	15
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	29, 30	9	66	50	34	0	180	32	14	29	20	53	24	29	20	30
Lancashire Southport ...	80	62	48	—	0	29, 30	7	68	87	6	0	330	28	13	30	20	48	21	29	19	20
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	28 to 30	44	78	40	6	0	180	32	14	29	13	49	22	29	16	50
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	29, 30	19	62	71	16	0	—	35	16	29	16	43	19	29	15	35
Cornwall Pendennis Castle§...	256	65	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	28 to 30	8	66	76	18	0	160	29	13	29	12	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	30	9	55	64	40	0	—	28	12	30	5	43	19	30	5	40
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	28	6	79	71	12	0	180	27	12	28	14	44	19	30	10	25
Cork Weaver Pt. ...	160	30	‡	—	0	29, 30	4	88	55	21	0	—	27	12	30	14	42	19	30	13	35
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	30	1	29, 30, 3	34	54	56	23	0	330	39	17	30	7	51	23	30	6	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	22	12	5·5	18	11	4·8	14	14	6·3	10	9	4·1	16	15	6·9	14	11	4·8	14	13	5·6	15	10	4·5
North	6	9	3·8	3	4	1·8	1	2	0·9	2	3	1·2	11	14	6·3	11	19	8·5	8	5	2·4	11	10	4·5
West	14	6	2·9	19	9	4 1	6	6	2·5	1	4	1·9	16	9	3·9	13	10	4·6	16	11	5·1	13	8	3·5
East	7	5	2·1	4	5	2·1	6	5	2·3	4	4	1·7	6	4	1·8	5	5	2·3	6	3	1·2	10	2	0·9
Calm (or wind-speed < 4 m.p.h.)	0	—	—	3	—	—	13	—	—	15	—	—	1	—	—	2	—	—	2	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 9th October, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

165

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1881, and for Pressure in 1914.

FORTY-FIRST WEEK of 1924—October 5th to October 11th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	57	32	53·4	42·6	47·9	+0·9	41	0	0	− 4	6	+ 1	1·51	38	+ 9	4·0	+1·4	37	999
Eastern.																			
1. SCOTLAND, EAST ...	60	27	54·1	40·8	47·2	0·0	40	− 4	3	− 3	6	+ 2	1·84	47	+27	4·7	+1·7	43	1001
2. ENGLAND, N.E. ...	62	39	56·4	45·6	50·8	+1·3	62	+ 7	0	− 2	6	+ 2	1·42	36	+18	4·0	+0·7	37	1006
3. ENGLAND, EAST ...	66	41	58·5	48·6	53·4	+2·7	80	+16	0	− 3	5	+ 1	1·11	28	+12	3·2	− 0·5	30	1010
4. MIDLAND COUNTIES	62	35	56·3	44·6	50·3	+0·9	58	+ 2	0	− 5	6	+ 2	1·39	35	+16	2·9	− 0·3	26	1008
5. ENGLAND, S.E. ...	64	39	58·6	48·8	53·6	+1·8	81	+10	0	− 3	5	+ 1	1·24	31	+12	2·6	− 1·1	24	1011
Western.																			
6. SCOTLAND, WEST[1] ...	59	29	54·8	43·0	48·7	0·0	47	− 4	0	− 2	6	+ 2	1·17	30	+ 3	3·9	+0·8	35	1003
7. ENGLAND, N.W.[2] ...	60	37	55·4	46·1	50·6	+0·4	60	+ 2	0	− 1	7	+ 3	1·15	29	+ 7	3·2	+0·3	30	1006
8. ENGLAND, S.W.[3] ...	62	40	56·7	47·1	51·7	+0·3	68	+ 1	0	− 1	6	+ 2	2·18	55	+28	2·0	− 1·4	18	1009
9. IRELAND, NORTH ...	58	32	54·6	42·1	48·2	− 0·9	43	− 8	0	− 2	7	+ 2	1·15	29	+ 7	3·2	+0·4	30	1002
10. IRELAND, SOUTH ...	62	34	56·1	44·3	50·0	− 0·6	56	− 5	0	− 1	6	+ 2	0·82	21	− 2	2·6	− 0·8	24	1006
11. CHANNEL ISLANDS[4]	62	45	58·5	50·7	54·5	− 0·2	87	− 2	0	0	5	0	1·61	41	+18	2·1	− 2·3	19	1011
MEAN: DISTRICTS 1-10	66	27	56·1	45·1	50·	+0·6	59	+ 2	0	− 2	6	+ 2	1·35	34	+13	3·2	0·0	30	1006

THE SEASON (Autumn).—Aggregates, &c., for the Period of 6 Weeks, August 31st to October 11th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	73	32	56·5	45·8	50·9	+0·4	376	+10	2	− 6	29	+ 1	8·09	206	+59	3·7	+ 0·5	30	1003
Eastern.																			
1. SCOTLAND, EAST ...	70	27	57·5	44·3	50·7	− 0·2	374	− 13	10	− 2	30	+ 8	6·22	158	+70	4·3	+ 0·6	36	1004
2. ENGLAND, N.E. ...	71	35	60·6	48·9	54·5	+1·5	524	+55	0	− 3	27	+ 7	4·10	104	+32	4·1	− 0·1	33	1008
3. ENGLAND, EAST ...	72	35	62·4	51·1	56·5	+2·0	610	+79	0	− 4	27	+ 7	4·37	111	+38	3·8	− 0·9	31	1010
4. MIDLAND COUNTIES	72	32	60·9	48·5	54·5	+1·2	522	+39	0	− 10	27	+ 8	4·91	124	+48	3·5	− 0·6	29	1009
5. ENGLAND, S.E. ...	73	32	62·2	51·3	56·5	+0·9	610	+38	0	− 4	27	+ 8	5·02	128	+43	3·9	− 1·0	32	1011
Western.																			
6. SCOTLAND, WEST[1] ...	72	29	58·2	46·3	52·0	− 0·1	425	− 7	4	0	30	+ 8	7·18	183	+46	3·6	− 0·2	29	1006
7. ENGLAND, N.W.[2] ...	69	34	59·4	49·5	54·2	+0·6	514	+26	0	− 2	30	+ 8	5·68	144	+38	3·5	− 0·5	29	1007
8. ENGLAND, S.W.[3] ...	71	34	60·2	50·4	55·1	+0·3	550	+10	0	− 1	30	+ 8	7·64	194	+79	3·5	− 1·0	29	1009
9. IRELAND, NORTH ...	69	31	57·8	47·1	52·3	− 0·4	430	− 23	0	− 2	32	+ 6	7·38	187	+77	3·6	+ 0·1	29	1005
10. IRELAND, SOUTH ...	73	34	59·2	48·1	53·4	− 0·6	479	− 30	0	− 2	31	+ 8	7·53	191	+83	3·4	− 0·7	28	1007
11. CHANNEL ISLANDS[4]	72	42	61·5	53·4	57·3	− 0·6	643	− 26	0	0	26	+ 4	5·73	147	+47	4·8	− 0·7	40	1011
MEAN: DISTRICTS 1-10	73	27	59·8	48·5	54·0	+0·5	504	+17	1	− 3	29	+ 8	6·00	152	+55	3·7	− 0·4	31	1008

THE YEAR. Aggregates, &c., for the Period of 41 Weeks, December 30th, 1923, to October 11th, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	52·1	41·7	46·7	0·0	1788	− 86	450	− 74	189	0	37·48	953	+14	3·5	0·0	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·6	40·3	46·2	− 1·0	1816	−267	618	+22	184	+24	26·83	682	+93	3·7	− 0·5	27	1009
2. ENGLAND, N.E. ...	87	16	55·0	42·4	48·4	− 0·4	2363	− 45	516	+63	147	+ 3	21·25	539	+65	4·2	− 0·4	31	1012
3. ENGLAND, EAST ...	87	18	56·8	43·9	50·1	+0·1	2792	+31	476	+ 5	145	+ 6	21·65	548	+96	4·8	− 0·2	36	1013
4. MIDLAND COUNTIES	87	15	56·3	42·3	49·0	− 0·6	2528	−139	516	+12	154	+16	25·59	650	+145	3·9	− 0·5	30	1012
5. ENGLAND, S.E. ...	86	17	57·0	44·3	50·4	− 0·6	2807	−136	398	+37	146	+11	25·13	640	+146	5·1	− 0·1	39	1013
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·8	42·0	47·7	− 0·9	2081	−218	457	+63	182	+15	34·81	883	+16	3·6	− 0·7	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·6	44·0	49·3	− 0·2	2398	−121	366	+ 4	173	+21	28·71	728	+72	4·0	− 0·5	30	1011
8. ENGLAND, S.W.[3] ...	84	14	55·7	44·7	50·0	− 0·7	2591	−187	309	+24	161	+10	34·79	882	+181	4·3	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·4	43·7	48·8	− 0·4	2250	−138	287	− 28	203	+18	33·28	844	+123	3·5	− 0·5	27	1009
10. IRELAND, SOUTH ...	75	21	56·1	44·9	50·3	− 0·4	2593	−158	226	− 18	190	+27	34·01	863	+118	3·7	− 0·8	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·8	48·2	52·3	− 0·7	3046	−201	88	− 12	160	+ 5	26·28	670	+99	5·4	− 0·5	41	1014
MEAN: DISTRICTS 1-10	87	2	55·2	43·3	49·0	− 0·5	2422	−138	417	+18	169	+15	28·61	726	+105	4·1	− 0·5	31	1011
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Moderate	Unusual	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
	Rainfall ..	Heavy	Very Heavy	Very Heavy	Heavy	Heavy	Heavy	Moderate	Moderate	Heavy	Moderate	Moderate	Heavy
	Sunshine ..	Abundant	Very Abundant	Moderate	Moderate	Moderate	Scanty	Abundant	Moderate	Very Scanty	Moderate	Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 6 weeks from August 31st, 1924	Warmth ..	2, 3, 1	1, 4, 1	4, 2, 0	5, 1, 0	3, 3, 0	2, 4, 0	1, 4, 1	1, 5, 0	1, 5, 0	1, 4, 1	1, 3, 2	0, 6, 0
	Rainfall ..	3, 1, 2	3, 2, 1	4, 1, 1	3, 3, 0	4, 1, 1	3, 2, 1	3, 2, 1	3, 1, 2	4, 1, 1	3, 2, 1	4, 1, 1	3, 2, 1
	Sunshine ..	3, 2, 1	4, 1, 1	1, 3, 2	0, 5, 1	1, 3, 2	0, 4, 2	2, 2, 2	1, 3, 2	1, 1, 4	1, 3, 2	0 3 3	0, 4, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Numerous depressions or their secondaries affected the weather of the British Islands, and unsettled conditions were general. During the afternoon of the 7th a depression appeared off the mouth of the English Channel and moved eastwards, causing strong winds and gales, with much rain, notably in the south-western parts of England. Several rainfall measurements considerably exceeded 25mm. and in some parts, especially in Cornwall, serious floods were reported. Among the largest amounts of rainfall for the 24 hrs. ending at 9h. on the 8th were :—83mm. at Falmouth, 65mm. at Newquay, 58mm. at Scilly, 41mm. at Clifton and 36mm. at Bath and at Bude. The measurement at Falmouth was the largest for 24 hrs. ever recorded at that station. On the first day of the week there were some heavy falls in the northern parts of the country, Dundee having a measurement of 52mm., Nairn 51mm. and Tynemouth 48mm. The total amount of rainfall for the week was above the normal in all Districts, with the exception of Ireland S., where it was slightly below normal. The highest temperatures occurred towards the end of the period in most parts of the country and at a few places maximum temperatures of about 65°F. were recorded, the highest reading, 66°F., being registered at Geldeston (near Beccles) on the 10th. The lowest of the screen minima, 27°F., occurred at Balmoral on the 9th, but frosts on the grass were recorded in several places. The mean temperature for the week over the country, as a whole, was above normal. Fairly good sunshine values were registered in places on various days and at some stations the total amount for the week was in excess of the normal. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·8 hrs. at Cockle Park (Northumberland) to -2·7 hrs. at Jersey. Thunderstorms occurred in various parts of our Islands and in some places hail was reported. Solar and lunar halos were observed at a number of stations. A lunar rainbow was seen at Elstree (Herts.) at about 20h. 30m. on October 5th. The Zodiacal Band and Counterglow were observed at Wadhurst (Sussex) on the 5th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	*t*	55	10th	44	8th	53·6	47·0	50·2	+3·5	6	0·81	21
Orkneys	Deerness	160	*p*	54	11th	40	7th	52·3	45·1	48·6	+1·4	6	1·93	49
Hebrides	Stornoway ¶	51	*t*	57	5th	35	7th	53·6	41·6	47·4	+0·3	6	1·93	49
	Castlebay	37	*t*	54	11th	44	9th	52·1	47·6	49·8	—	7	1·69	43
Caithness	Wick ... ¶	81	*t*	55	10, 11	39	9th	52·9	44·7	48·7	+1·7	5	1·54	39
Ross and Cromarty	Strathpeffer ¶	125	*a*	57	11th	32	8th	53·9	37·3	45·4	- 1·3	4	1·09	28
	Achnashellach ¶	225	*h*	55	11th	34	7th	52·3	40·4	46·2	—	7	2·38	60
Inverness	Inverness	242	*h*	57	11th	38	8th	53·7	40·7	47·0	—	3	1·53	39
	Fort Augustus ¶	68	*a*	-	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	*h*	57	11th	41	9th	53·6	44·7	49·0	—	7	1·35	34
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	56	5, 6, 11	34	8th	54·1	40·1	46·9	+0·4	7	2·51	64
Elgin	Gordon Castle ¶	101	*p*	58	9, 11	37	9th	56·0	41·0	48·3	+0·7	6	2·39	61
Aberdeen	Aberdeen ... ¶	46	*t*	58	10th	35	8th	55·1	43·0	48·9	—	4	1·44	37
	Balmoral ... ¶	930	*a*	55	10th	27	9th	51·9	35·0	43·2	- 0·8	6	1·91	49
Perth	Crieff ... ¶	478	*p*	56	10, 11	33	8th	53·1	40·4	46·6	- 0·7	7	1·64	42
Forfar	Dundee	147	*a*	59	11th	34	8th	55·0	42·1	48·4	—	5	2·81	71
Fife	Inchkeith ... ¶	190	*t*	57	11th	43	7, 8	53·7	46·3	49·9	—	6	1·29	33
Midlothian	Edinburgh ...	441	*p*	57	11th	39	8th	53·3	43·6	48·3	+0·4	7	1·71	43
Peebles	West Linton ¶	770	*a*	60	5th	28	8th	53·9	39·4	46·4	+1·8	7	1·73	44
Berwick	Marchmont ¶	498	*a*	58	10th	35	9th	54·7	41·0	47·7	+1·0	5	1·79	45
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	56	5, 11	35	8th	53·7	41·7	47·5	—	6	1·87	47
Renfrew	Renfrew ... ¶	36	*t*	57	5, 11	29	8th	54·7	41·4	47·9	—	6	0·96	24
Bute	Rothesay ... ¶	200	*p*	58	5th	41	7, 8	54·1	43·1	48·4	- 0·4	7	1·37	35
Ayr	Kilmarnock ¶	90	*a*	59	5th	36	8th	56·3	43·4	49·7	+2·2	7	1·53	39
	Colmonell... ¶	170	*a*	58	5th	34	8th	55·7	43·0	49·2	+0·4	7	0·72	18
Dumfries	Dumfries ... ¶	140	*p*	57	11th	38	8th	54·0	42·9	48·3	- 0·1	6	0·69	18
	Eskdalemuir ...	794	*t*	54	10, 11	33	8th	51·6	39·7	45·5	—	7	1·28	33

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	5·4	—	51	—	—	—	—	—	—
Deerness §	3·8	+1·3	35	—	—	—	—	—	—
Stornoway §	3·4	+0·6	32	—	—	—	—	—	—
Castlebay ...	3·1	—	29	—	—	—	—	—	—
Achnashellach	—	—	—	4	25	—	—	—	—
Inverness §	4·7	—	44	1	30	—	—	—	—
Onich ...	2·4	—	22	0	33	—	—	—	—
Nairn §	4·3	—	40	—	—	—	—	—	—
Gordon Castle	4·5	—	42	—	—	—	—	—	—
Aberdeen §	4·4	+1·2	41	2	25	—	—	51·1	+0·2
Balmoral ...	—	—	—	2	23	—	—	—	—
(Kinc.)Crathes §	4·8	+1·6	44	2	27	48·3	—	49·8	—
Dundee §	4·9	—	45	2	29	50·9	—	—	—
Inchkeith ...	4·9	—	45	0	37	—	—	—	—
Edinburgh §	5·1	+1·7	47	0	35	—	—	—	—
West Linton...	—	—	—	3	23	—	—	—	—
Marchmont §	4·5	+1·7	42	—	—	—	—	—	—
Ford ...	-	—	—	1	29	‡0·7	—	52·4	—
Renfrew ...	3·4	—	31	2	24	—	—	—	—
Rothesay §	2·7	- 0·2	25	0	32	50·0	—	51·9	- 0·1
Kilmarnock ...	3·7	—	34	—	—	49·8	—	51·7	—
Colmonell ...	-	—	—	0	31	—	—	—	—
Dumfries ...	4·2	—	38	0	32	51·1	+0·6	53·1	- 0·2
Eskdalemuir §	4·2	+1·3	39	1	28	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	57	5th	42	9th	55·0	45·7	50·2	+0·4	6	1·06	27	+ 1
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	62	11th	39	7, 8, 9	56·3	41·7	48·8	+1·8	4	1·69	43	+23
	Tynemouth ¶	118	t	60	10th	43	8th	55·4	46·9	51·0	+2.1	4	2·15	55	+37
Durham	Durham ... ¶	336	p	60	10th	40	8, 9	55·6	43·6	49·4	+1·3	5	1·05	27	+ 8
York,	Rounton ... ¶	249	p	60	10th	40	8, 9	55·7	43·6	49·5	+1·6	6	1·67	42	+24
N. Riding	West Witton ...	605	a	—	—	—	—	—	—	—	—	—	—	—	—
	Scarborough ¶	118	h	61	11th	44	7, 9	57·3	47·0	52·0	+1·9	6	1·08	27	+ 8
	York ... ¶	56	p	61	11th	42	8th	57·0	45·7	51·2	+1·9	6	0·89	23	+ 7
E. Riding	Spurn Head ¶	26	t	61	10, 11	45	9th	56·6	48·6	52·5	+1·5	7	1·49	38	+23
Lincoln	Lincoln ... ¶	58	a	61	10, 11	43	6th	57·1	46·7	51·8	+2·2	6	1·12	28	+12
	Cranwell ... ¶	236	t	62	10th	42	6th	56·4	46·6	51·4	+1·7	6	1·66	42	+27
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	63	10th	44	6th	58·3	48·0	53·0	+1·8	6	1·11	28	+12
	Yarmouth ... ¶	13	t	65	10th	44	9th	59·0	49·0	53·9	+2·7	5	1·23	31	+13
	Norwich ... ¶	93	a	64	10th	41	9th	58·6	47·7	53·0	+2·6	6	1·29	33	+14
	Geldeston ... ¶	37	a	66	10th	43	9th	59·6	48·4	53·8	+3·0	5	1·22	31	+14
Cambridge	Cambridge ¶	41	p	64	10th	43	6, 9	58·6	47·3	52·8	+2·6	6	0·86	22	+ 7
Hertford	Rothamsted ¶	420	a	61	10th	43	9th	56·7	47·6	52·0	+2·5	7	1·39	35	+16
Middlesex	Tottenham ¶	51	p	64	10th	44	6th	58·3	49·9	54·0	—	5	0·98	25	—
Essex	Clacton-on-Sea ¶	55	t	63	10th	45	6th	59·0	50·7	54·7	+3·0	4	0·82	21	+ 9
	Southend ... ¶	90	h	64	10th	47	6th	59·9	50·4	55·0	—	4	0·82	21	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	57	10, 11	41	8th	54·4	44·4	49·3	+1·2	6	1·46	37	+15
	Sheffield ... ¶	429	p	59	10th	43	6, 9	55·4	45·9	50·5	—	6	1·02	26	+ 6
Derby	Buxton ... ¶	987	p	55	9, 10	39	6th	52·9	43·6	48·1	+1·6	6	1·55	39	+ 8
Nottingham	Worksop(Hods'ck)¶	56	a	61	9th	42	9th	57·7	45·0	51·2	+1·9	6	1·03	26	+ 9
	Nottingham ¶	192	a	60	11th	42	6th	56·3	45·7	50·8	+1·8	6	1·10	28	+13
Warwick	Birmingham (Edg)¶	525	t	58	5th	40	6th	55·6	44·6	49·9	+0·4	6	1·51	38	+20
Northampton	Oundle ... ¶	147	a	60	11th	35	9th	56·7	44·6	50·5	—	7	0·98	25	—
Oxford	Oxford ... ¶	208	p	62	10th	42	6th	58·1	47·1	52·4	+2·1	7	1·49	38	+20
Stafford	Cheadle ... ¶	646	a	56	7, 9, 10	38	6th	54·3	42·3	48·1	- 0·1	6	1·56	40	+19
Worcester	Tenbury ... ¶	313	p	58	11th	39	5th	56·4	43·4	49·7	+0·6	5	1·27	32	+15
	Malvern ...	377	h	58	10th	41	6th	55·9	45·0	50·3	—	6	1·33	34	—
Hereford	Hereford ... ¶	291	a	59	8th	39	6th	56·3	43·1	49·5	0·0	4	0·96	24	+ 5
Gloucester	Clifton ... ¶	225	a	60	10th	42	5th	57·3	45·7	51·3	+0·1	5	2·50	63	+39
5. ENGLAND, S.E.															
London	Westminster ...	27	a	63	10th	45	6th	58·7	50·0	54·2	+2·2	5	1·18	30	+17
	Greenwich ‡ ...	149	a	64	10th	43	6th	60·1	48·4	54·1	+3·1	4	0·89	23	+ 9
	Hampstead ...	450	a	61	10th	42	6th	56·7	47·9	52·2	—	5	1·84	47	—
	Camden Square ...	110	a	63	10th	44	6th	58·0	49·3	53·5	+2·0	5	1·15	29	+14
Surrey	Richmond (KewO)¶	18	t	64	10th	44	6th	59·0	49·4	54·1	+3·4	5	1·41	36	+21
	Wisley ... ¶	150	a	61	10th	42	6th	58·6	48·1	53·2	+3·2	5	0·81	21	+ 4
Kent	Tunbridge Wells ¶	354	h	62	10th	41	6th	59·0	47·3	53·0	+2·2	4	1·41	36	+18
	Margate ... ¶	51	h	63	10th	45	6th	59·7	50·0	54·7	+2·1	4	1·33	34	+18
	Dungeness ¶	21	t	61	10, 11	48	6th	59·4	53·1	56·2	+3·7	4	1·46	37	+18
Sussex	St. Leonards ¶	178	h	62	10, 11	44	6th	59·6	49·9	54·6	+2·0	4	1·41	36	+15
	Worthing	36	h	61	5, 10	44	6th	59·0	50·4	54·6	—	4	1·17	30	—
I. of Wight	Ventnor ... ¶	59	a	61	10th	49	5, 6, 9	59·4	51·3	55·2	+1·1	7	1·02	26	+ 4
Hampshire	Southampton ¶	64	p	62	10th	40	7th	57·7	47·9	52·7	+0·4	7	0·96	24	+ 2
Wiltshire	Marlborough ¶	424	a	59	10, 11	39	5th	56·6	45·3	50·8	+2·1	7	1·93	49	+30
	Porton ¶	363	a	60	10th	40	6th	57·3	45·3	51·1	—	6	0·62	16	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	55	10, 11	41	8th	53·0	44·7	48·7	+0·3	7	1·14	29	+ 5
	Newton Rigg ¶	559	p	60	5th	37	8th	54·9	41·9	48·2	+0·7	7	1·03	26	+ 4
Lancashire	Stonyhurst ¶	377	a	55	9,10,11	43	6th	53·9	46·0	49·8	+1·2	7	1·93	49	+23
	Blackpool ¶	66	h	57	11th	44	8th	55·7	47·7	51·6	+1·6	7	1·61	41	+20
	Southport ¶	37	h	58	11th	45	8th	55·9	47·2	51·4	+1·4	7	1·27	32	+12
Manchester	Whitworth Pk. ¶	125	p	57	10, 11	42	6th	55·3	46·3	50·7	+0·1	6	0·96	24	+ 5
Cheshire	Liverp'l (Bidston) ¶	189	a	57	9,10,11	43	6th	54·7	46·0	50·2	- 0·1	6	1·15	29	+10
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	60	11th	40	5th	57·0	45·7	51·2	+0·4	6	0·76	19	+ 2
Carnarvon	Llandudno ¶	22	h	59	5,10,11	41	5th	57·6	47·4	52·4	+0·6	6	0·81	21	+ 1
Anglesey	Holyhead ¶	26	t	58	5,10,11	46	5th	56·6	49·0	52·7	+0·8	7	1·15	29	+ 6
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	58	6, 8, 11	41	5th	57·3	48·3	52·7	—	6	2·15	55	—
Pembroke	St. Ann's Hd. ¶	150	t	57	11th	47	8th	55·4	50·1	52·7	+0·2	5	1·77	45	+21
Radnor	Rhayader ¶	757	a	57	10, 11	40	5, 6	54·4	43·4	48·7	—	7	2·70	69	—
Glamorgan	Cardiff ... ¶	202	p	59	10, 11	40	5th	56·7	45·6	51·0	+0·6	7	1·92	49	+21
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	62	10th	42	5th	57·6	47·6	52·5	+2·0	6	2·10	53	+34
Dorset	Shaftesbury ¶	722	a	58	10, 11	43	7th	55·6	47·0	51·2	+1·4	7	1·69	43	+20
	Portland Bill ¶	19	t	61	11th	50	5, 8	58·7	42·3	55·4	+1·9	6	1·03	26	+ 7
Devon	Arlington ¶	613	a	58	11th	41	5th	55·4	44·7	49·9	- 0·1	7	2·72	69	+32
	Cullompton ¶	202	a	60	10th	40	7th	57·7	44·4	50·9	+0·5	5	2·04	52	+28
	Plymouth ¶	116	p	59	8th	45	6th	57·4	48·1	52·5	+0·2	6	1·86	47	+24
Cornwall	Newquay ... ¶	190	h	61	10th	42	5th	57·4	48·4	52·8	- 0·4	6	3·25	83	+60
	Falmouth ¶	167	h	60	10th	45	5, 11	57·6	47·4	52·4	- 0·3	6	3·96	101	+72
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	57	11th	40	8th	53·3	43·9	48·5	- 1·3	6	1·10	28	+11
Mayo	Blacksod Point ¶	10	t	57	9th	42	7, 9	54·4	45·0	49·6	- 1·1	6	1·22	31	+ 2
	Mallarany ...	120	a	57	9, 11	42	9th	55·3	44·6	49·8	—	7	1·93	49	—
Sligo	Markree Castle ¶	122	p	58	9th	32	8th	55·9	37·7	46·5	- 1·6	7	1·69	43	+19
Armagh	Armagh ... ¶	204	p	58	11th	35	8th	54·1	40·1	46·9	- 1·4	7	1·13	29	+13
Down	Donaghadee ¶	35	t	56	5, 11	39	8, 9	54·6	43·4	48·8	- 0·9	6	0·76	19	+ 2
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	59	9, 11	40	6th	55·3	43·6	49·3	- 1·3	5	0·23	6	- 10
King'sCounty	Birr Castle ¶	175	t	58	7th	34	8th	55·4	42·4	48·7	+0·3	7	1·00	25	+ 8
Kilkenny	Kilkenny ¶	182	a	61	11th	34	8th	56·3	40·7	48·3	- 0·9	6	0·62	16	- 3
Waterford	Waterford ¶	137	a	58	8, 11	39	6th	56·3	43·7	49·8	- 0·7	5	0·74	19	- 4
	Seskin, Carrick-on-Suir	542	p	57	9th	38	6, 7	54·9	41·9	48·2	—	7	0·68	17	—
Limerick	Foynes ... ¶	50	a	59	11th	44	7th	56·3	45·9	51·0	+0·4	7	0·98	25	+ 3
Kerry	Cahirciveen ¶	30	t	60	9th	42	8th	55·6	47·3	51·3	- 0·9	7	1·24	31	- 2
	Killarney ¶	174	a	62	11th	41	8th	58·1	45·4	51·6	+0·7	7	0·97	25	- 7
Cork	Roche's Point ¶	32	t	56	6, 8, 11	42	8, 9	55·1	45·4	50·1	- 1·9	6	0·75	19	- 5
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	59	11th	45	8th	56·7	49·7	53·1	- 1·3	5	2·99	76	+55
Guernsey	Grange ... ¶	173	p	62	10th	45	5, 6	59·3	50·7	54·9	+0·2	5	0·85	22	- 3
Jersey	St. Heliers ¶	28	h	61	10, 11	45	5, 8	59·6	51·7	55·5	+0·9	4	0·99	25	0

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·7	+1·3	43	0	38	—	—	—	—
Cockle Park §	5·1	+1·8	47	0	33	48·0	- 0·8	50·6	- 0·2
Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham §	4·5	+1·5	41	0	33	—	—	—	—
Rounton ...	—	—	—	1	30	52·0	—	—	—
West Witton	—	—	—	—	—	—	—	—	—
Scarborough †§	3·8	+0·4	35	0	38	—	—	54·1	—
York §	3·3	+0·5	31	—	—	52·5	- 0·3	53·8	- 0·5
Spurn Head...	3·4	—	31	—	—	—	—	—	—
Lincoln ...	—	—	—	0	39	52·2	+0·2	54·7	+0·1
Cranwell §	4·3	+0·6	39	0	37	—	—	—	—
Skegness §	3·1	- 0·8	28	—	—	—	—	—	—
Cromer §	3·5	- 0·3	32	—	—	—	—	—	—
Yarmouth §	3·7	—	34	0	41	54·3	+0·2	55·7	- 0·4
Norwich ...	3·5	—	32	0	35	52·8	—	—	—
Geldeston §	3·5	- 0·4	32	—	—	—	—	—	—
Cambridge §	2·9	- 0·9	26	0	37	54·8	+1·3	56·5	+0·4
Rothamsted §	2·9	- 0·7	27	0	37	52·2	—	—	—
Tottenham §	2·9	—	27	—	—	—	—	—	—
Clacton-on-Sea§	3·2	- 0·8	29	0	42	55·0	+0·2	56·8	+0·1
Southend ...	3·3	—	31	0	43	55·6	—	—	—
Harrogate §	3·8	+0·7	35	0	37	50·7	- 0·1	51.8	- 0·2
Sheffield §	2·7	- 0·2	25	0	37	51·0	- 0·5	52·8	- 0·4
Buxton ...	2·6	—	24	0	40	49·6	- 0·2	52·2	- 0·3
Worksop §	2·7	- 0·2	25	0	33	52·1	—	53·4	—
Nottingham §	2·9	0·0	27	0	38	51·4	+0·2	54·0	- 0·3
Birmingham §	3·1	+0·7	29	0	37	49·8	- 0·8	51·7	- 0·6
Oundle ...	2·5	—	23	1	30	52·5	—	54·9	—
Oxford §	3·0	- 0·5	28	0	37	—	—	—	—
Cheadle ...	—	—	—	0	38	—	—	—	—
Tenbury ...	—	—	—	0	33	51·5	—	—	—
Malvern ...	3·4	—	31	0	34	51·9	—	54·6	—
Ross on Wye §	2·7	—	25	0	33	52·6	—	54·8	—
Clifton §	2·0	- 1·3	19	0	43	—	—	—	—
Westminster	2·9	+0·5	27	0	39	—	—	—	—
Greenwich ...	3·2	- 0·2	29	0	36	—	—	—	—
Hampstead ...	2·6	—	24	0	35	—	—	—	—
Camden Square	—	—	—	0	42	53·2	—	55·0	—
Richmond § (Kew Obs.)	2·6	- 0·6	24	0	39	53·8	+0·7	55·6	+0·2
Wisley §	2·7	- 0·8	25	0	34	54·8	+1·3	55·6	+0·1
Tunbridge W'ls§	1·9	- 2·0	17	0	35	55·4	—	57·1	—
Margate §	3·7	0·0	34	0	42	55·4	+0·8	58·1	+1·2
Folkestone §	2·9	—	26	0	40	—	—	57·6	—
St. Leonards §	2·8	- 1·4	25	0	39	56·6	—	57·8	—
Worthing §	2·7	- 1·5	25	0	40	55·9	+0·9	57·4	+0·2
Ventnor §	2·1	- 1·9	19	—	—	—	—	—	—
Southampton§	2·2	- 1·5	20	0	34	—	—	—	—
Marlborough§	2·3	- 0·9	21	0	37	52·3	—	54·3	—
Porton ...	2·1	—	19	0	36	52·5	—	—	—
Aspatria §	2·9	- 0·5	27	0	39	50·6	+0·7	51·5	- 0·8
Newton Rigg§	3.4	+0·5	31	0	32	—	—	—	—
Stonyhurst §	3·1	+0·2	28	0	40	—	—	—	—
Blackpool §	3·0	- 0·3	28	0	36	52·7	—	53·9	—
Southport §	3·2	0·0	30	0	36	51·7	+0·2	54·7	0·0
Whitworth Pk.	2·5	+0·4	23	—	—	—	—	—	—
Oldham Road	2·2	0·0	20	0	38	51·7	- 0·4	55·0	- 0·7
Bidston ...	2·3	—	21	0	38	—	—	—	—
(Ches.)Hoylake§	3·2	+0·1	29	—	—	—	—	—	—
Llandudno §	3·8	+0·3	35	—	—	—	—	—	—
Holyhead ...	3·7	—	34	0	41	—	—	—	—
Aberystwyth§	3.1	- 0·5	29	—	—	—	—	—	—
St. Ann's Hd.§	1·7	- 1·7	16	—	—	—	—	—	—
Rhayader §	2·1	—	19	0	31	—	—	—	—
Cardiff ...	2·2	—	20	0	34	52·5	- 1·1	55·0	- 0·7
Bath ... §	2·3	- 1·1	21	—	—	54·9	—	56·9	—
Shaftesbury...	—	—	—	—	—	—	—	54·9	—
Weymouth ...	2·0	—	18	—	—	—	—	—	—
Arlington ...	—	—	—	0	37	—	—	—	—
Cullompton §	1·1	- 1·9	10	0	32	53·0	—	—	—
Plymouth §	1·7	- 1·9	16	0	39	53·4	- 1·4	55·6	—
Newquay §	2·0	- 1·8	18	—	—	54·0	—	55·8	—
Falmouth §	1·9	- 2·0	17	0	39	54·5	—	57·3	—
Malin Head...	4·1	—	38	—	—	—	—	—	—
Mallarany ...	4·5	—	41	—	—	—	—	—	—
MarkreeC'stle§	3·1	+0·3	29	—	—	50·3	- 3·2	53·3	- 1·4
Armagh §	3·5	+0·7	32	1	30	50·0	- 2·8	52·6	- 1·5
Trinity Coll.	—	—	—	0	34	51·0	- 2·7	53·0	- 1·7
Phœnix Park §	2·9	- 0·6	26	0	32	—	—	—	—
Dublin City ...	—	—	—	0	34	—	—	—	—
Birr Castle §	2·5	- 0·7	23	2	28	—	—	—	—
Seskin ...	2·1	—	20	1	29	—	—	—	—
Cahirciveen (Valencia O.)§	2·9	- 0·5	26	0	39	—	—	—	—
Ballinacurra §	2·2	- 1·1	21	—	—	—	—	—	—
St. Mary's §	2·2	- 2·0	20	—	—	—	—	—	—
Grange §	2·4	- 2·2	21	0	40	55·4	- 1·6	57·7	- 1·3
St. Heliers §	1·7	- 2·7	16	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, October 11th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrences.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	6	2	5 to 11	35	83	41	7	0	170	40	18	6	10	58	26	6	10	15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	5, 6, 9	4	59	96	9	0	240	26	11	6	12	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	58	88	22	0	280	21	9	7	6	39	17	7	5	15
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	81	74	13	0	270	24	11	6	4	40	18	7	10	30
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	11	1	34	86	47	0	190	25	11	11	23	48	22	11	22	30
Dumfries Eskdalemuir ...	825	50	22	—	0	11	6	65	49	48	0	220	28	13	11	10	40	18	11	9	50
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	5	1	46	96	25	0	280	26	12	5	19	47	21	5	18	50
York, E.R. Spurn Head ...	67	41	‡	—	0	6, 8, 10	15	90	57	6	0	10	33	15	8	10	42	19	8	11	50
Lincoln Cranwell ...	280	43	31	—	0	8	1	94	(58)	(15)	0	360	26	12	8	9	35	16	8	9	21
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	6, 8	4	69	85	10	0	180	25	11	6	18	43	19	15	0	5
Essex Shoeburyness...	103	90	‡	—	0	6, 8	14	97	54	3	0	210	38	17	6	24	52	23	8	13	45
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	37	110	21	0	200	22	10	6	22	38	17	6	22	55
Surrey Croydon ...	284	40	24	—	0	—	0	37	116	15	0	190	24	11	6	23	44	20	6	23	20
Kent Lympne ...	409	70	‡	—	0	6 to 8	15	84	69	0	0	220	35	16	7	1	50	22	7	1	30
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	62	96	10	0	310	24	11	8	12	42	19	8	11	20
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	5, 6, 8, 10	12	109	39	8	0	210	30	13	6	21	48	21	6	22	10
Wiltshire Larkhill ...	513	63	43	—	0	6, 8	5	68	(84)	(11)	0	220 / 350	26	12	6 / 8	20 / 8	40	18	6	19	45
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	7	1	5 to 7	21	66	63	17	0	270	41	18	7	4	62	28	7	3	10
Lancashire Southport ...	80	62	48	7	5	5 to 7	26	73	60	4	0	250	46	21	7	3	61	27	7	2	35
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	5 to 7, 11	24	104	34	6	0	270	36	16	7	3	51	23	7	2	35
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	6, 8, 10	23	62	50	9	24	—	37	17	8	5	54	24	8	5	45
Cornwall Pendennis Castle§...	256	65	24			Instrument out of	action														
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	6, 7	14	83	65	6	0	230	37	17	6	23	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	6, 9, 11	13	75	73	7	0	—	28	13	6	19	45	20	6	19	15
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	9, 11	7	95	52	14	0	200	30	14	9	10	50	23	9	9	40
Cork Weaver Pt. ...	160	30	‡	—	0	9, 11	7	59	85	17	0	—	28	13	11	19	46	21	9	13	10
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	7, 8	4	5 to 8	25	85	37	6	11	340	49	22	8	1	61	27	8	1	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahrciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	19	8	3·4	18	9	3·9	24	10	4·6	23	8	3·6	21	11	5·0	11	11	5·1	25	10	4·6	21	9	4·0
North	7	5	2·1	4	4	1·9	1	16	7·2	2	3	1·5	4	10	4·6	8	11	4·8	1	6	2·6	2	7	3·3
West	14	7	3·3	23	11	4·8	22	6	2·8	22	6	2·6	23	13	5·8	17	17	7·8	22	11	4·9	18	10	4·6
East	11	9	4·1	3	2	0·9	2	8	3·7	2	8	3·5	2	3	1·5	4	7	3·0	3	2	1·1	7	3	1·1
Calm (or wind-speed < 4 m.p.h.)	1	—	—	2	—	—	2	—	—	2	—	—	1	—	—	1	—	—	0	—	—	3	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	5	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 16th October, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY LTD., THE GROVE, SOUTHWARK, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:—ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH; or through any Bookseller.

METEOROLOGICAL OFFICE 28 OCT 1924

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FORTY-SECOND WEEK.
SUNDAY, OCTOBER 12TH, TO SATURDAY, OCTOBER 18TH, 1924.

Price 9d. Net, Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-SECOND WEEK of 1924—October 12th to October 18th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	67	32	56·0	43·9	49·8	+3·4	55	+17	0	− 6	3	− 2	0·37	9	− 16	4·3	+1·9	43	1021
Eastern.																			
1. SCOTLAND, EAST ...	69	27	55·9	41·5	48·5	+2·1	47	+ 8	1	− 7	3	− 1	0·30	8	− 11	3·9	+1·3	38	1023
2. ENGLAND, N.E. ...	69	33	57·9	45·8	51·7	+3·3	68	+21	0	− 2	2	− 2	0·20	5	− 13	4·0	+1·1	38	1026
3. ENGLAND, EAST ...	72	31	59·8	48·1	53·8	+4·4	83	+27	0	− 4	2	− 2	0·11	3	− 12	3·8	+0·6	36	1026
4. MIDLAND COUNTIES	71	29	58·4	45·7	51·9	+3·8	69	+21	0	− 5	3	− 1	0·26	7	− 10	2·5	− 0·4	24	1026
5. ENGLAND, S.E. ...	71	36	60·5	49·3	54·7	+4·0	89	+26	0	− 2	1	− 3	0·08	2	− 17	4·0	+0·6	37	1026
Western.																			
6. SCOTLAND, WEST[1] ...	72	34	57·5	44·3	50·7	+2·8	61	+14	0	− 5	2	− 2	0·70	18	− 7	4·2	+1·5	41	1025
7. ENGLAND, N.W.[2] ...	72	35	58·9	46·4	52·5	+3·4	73	+22	0	− 2	3	− 1	0·48	12	− 10	4·9	+2·2	47	1025
8. ENGLAND, S.W.[3] ...	71	35	60·3	49·8	54·9	+4·4	90	+29	0	− 2	1	− 3	0·21	5	− 20	3·9	+0·6	37	1024
9. IRELAND, NORTH ...	68	35	58·2	46·3	52·1	+3·4	71	+21	0	− 3	4	0	0·63	16	− 4	3·5	+0·5	34	1022
10. IRELAND, SOUTH ...	69	36	58·8	47·7	53·1	+3·1	78	+19	0	− 3	4	0	0·78	20	− 3	3·3	+0·1	31	1023
11. CHANNEL ISLANDS[4]	71	46	61·6	52·7	57·0	+3·1	105	+22	0	0	2	− 3	0·13	3	− 20	5·2	+1·1	49	1024
MEAN: DISTRICTS 1-10	72	27	58·6	46·5	52·4	+3·5	73	+21	0	− 3	3	− 1	0·37	10	− 11	3·8	+0·8	36	1025

THE SEASON (Autumn).—Aggregates, &c., for the Period of 7 Weeks, August 31st to October 18th, 1924.

0. SCOTLAND, NORTH...	73	32	56·5	45·5	50·8	+0·9	431	+27	2	− 12	32	− 1	8·46	215	+43	3·8	+ 0·7	32	1005
Eastern.																			
1. SCOTLAND, EAST ...	70	27	57·3	43·9	50·3	+0·1	421	− 5	11	− 9	33	+ 7	6·52	166	+59	4·3	+ 0·7	36	1007
2. ENGLAND, N.E. ...	71	33	60·2	48·4	54·1	+1·7	592	+76	0	− 5	29	+ 5	4·30	109	+19	4·0	0·0	34	1010
3. ENGLAND, EAST ...	72	31	62·0	50·6	56·1	+2·3	693	+106	0	− 8	28	+ 5	4·48	114	+26	3·8	− 0·7	32	1013
4. MIDLAND COUNTIES	72	29	60·5	48·1	54·1	+1·5	591	+60	0	− 15	30	+ 7	5·17	131	+38	3·3	− 0·6	28	1011
5. ENGLAND, S.E. ...	73	32	61·9	51·0	56·3	+1·4	699	+64	0	− 6	28	+ 5	5·10	130	+26	3·9	− 0·7	33	1013
Western.																			
6. SCOTLAND, WEST[1] ...	72	29	58·1	46·0	51·8	+0·3	486	+ 7	4	− 5	32	+ 6	7·88	201	+39	3·7	0·0	31	1008
7. ENGLAND, N.W.[2] ...	72	34	59·3	49·0	54·0	+1·0	587	+48	0	− 4	33	+ 7	6·16	156	+28	3·7	− 0·1	31	1010
8. ENGLAND, S.W.[3] ...	71	34	60·2	50·3	55·1	+0·9	640	+39	0	− 3	31	+ 5	7·85	199	+59	3·5	− 0·8	30	1011
9. IRELAND, NORTH ...	69	31	57·9	47·0	52·2	0·0	501	− 2	0	− 5	36	+ 6	8·01	203	+73	3·5	0·0	30	1007
10. IRELAND, SOUTH ...	73	34	59·1	48·1	53·4	− 0·1	557	− 11	0	− 5	35	+ 8	8·31	211	+80	3·4	− 0·6	29	1010
11. CHANNEL ISLANDS[4]	72	42	61·5	53·3	57·3	0·0	748	− 4	0	0	28	+ 1	5·86	150	+27	4·9	− 0·4	41	1013
MEAN: DISTRICTS 1-10	73	27	59·7	48·2	53·7	+0·9	577	+38	1	− 7	31	+ 6	6·38	162	+45	3·7	− 0·3	31	1010

THE YEAR. Aggregates, &c., for the Period of 42 Weeks, December 30th, 1923, to October 18th, 1924.

0. SCOTLAND, NORTH...	81	12	52·2	41·8	46·7	0·0	1843	− 69	450	− 80	192	− 2	37·85	962	− 2	3·5	0·0	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·7	40·3	46·2	− 1·0	1863	−259	619	+15	187	+23	27·13	690	+82	3·7	− 0·4	28	1009
2. ENGLAND, N.E. ...	87	16	55·1	42·5	48·5	− 0·3	2431	− 24	516	+61	149	+ 1	21·45	544	+52	4·2	− 0·3	32	1012
3. ENGLAND, EAST ...	87	18	56·9	44·0	50·2	+0·2	2875	+58	476	+ 1	147	+ 4	21·76	551	+84	4·3	− 0·1	36	1013
4. MIDLAND COUNTIES	87	15	56·4	42·4	49·1	− 0·4	2597	−118	516	+ 7	157	+15	25·85	657	+135	3·9	− 0·5	30	1012
5. ENGLAND, S.E. ...	86	17	57·0	44·5	50·5	− 0·5	2896	−110	398	+35	147	+ 8	25·21	642	+129	5·1	0·0	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·9	42·1	47·7	− 0·9	2142	−204	457	+58	184	+13	35·51	901	+ 9	3·6	− 0·6	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·7	44·1	49·4	− 0·1	2471	− 99	366	+ 2	176	+20	29·19	740	+62	4·0	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·8	44·8	50·1	− 0·6	2681	−158	309	+22	162	+ 7	35·00	887	+161	4·3	− 0·6	33	1013
9. IRELAND, NORTH ...	73	18	54·5	43·7	48·9	− 0·3	2321	−117	287	− 31	207	+18	33·91	860	+119	3·5	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	56·1	44·9	50·3	− 0·4	2671	−139	226	− 21	194	+27	34·79	883	+115	3·7	− 0·7	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·9	48·3	52·4	− 0·6	3151	−179	88	− 12	162	+ 2	26·41	673	+79	5·4	− 0·4	42	1014
MEAN: DISTRICTS 1-10	87	2	55·3	43·3	49·1	− 0·4	2495	−117	417	+15	171	+14	28·98	735	+95	4·1	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man; [2] and North Wales; [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Very Unusual	Unusual	Very Unusual	Unusual	Unusual	Very Unusual	Very Unusual	Unusual	Very Unusual
	Rainfall ..	Light	Light	Very Light	Very Light	Light	Very Light	Moderate	Light	Light	Moderate	Moderate	Very Light
	Sunshine ..	Very Abundant	Abundant	Abundant	Moderate	Moderate	Moderate	Abundant	Very Abundant	Abundant	Abundant	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 7 weeks from August 31st, 1924	Warmth ..	3, 3, 1	2, 4, 1	5, 2, 0	6, 1, 0	4, 3, 0	3, 4, 0	2, 4, 1	2, 5, 0	2, 5, 0	2, 4, 1	2, 3, 2	1, 6, 0
	Rainfall ..	3, 1, 3	3, 2, 2	4, 1, 2	3, 3, 1	4, 1, 2	3, 2, 2	3, 3, 1	3, 1, 3	4, 1, 2	3, 3, 1	4, 2, 1	3, 2, 2
	Sunshine ..	4, 2, 1	5, 1, 1	2, 3, 2	0, 6, 1	1, 4, 2	0, 5, 2	3, 2, 2	2, 3, 2	2, 1, 4	2, 3, 2	0, 4, 3	1, 4, 2

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Pressure conditions over the British Islands were mainly anticyclonic and the weather was fairer and drier than of late. The total amount of precipitation was below the normal and up to the 18th consisted mainly of fog and dew. In several of the Scottish and English Districts the deficit was decidedly large. Sunshine values of more than 9 hrs. were registered at a number of places, notably on the 13th or 14th, and at a few of the south and south-east coast stations and also in the Channel Islands, between 9 hrs. and 10 hrs. were recorded on each of the two days. The total amount of sunshine for the week was in excess of the normal at most stations and the departure of the mean daily duration from the normal ranged from +3·5 hrs. at Newton Rigg (Cumberland) to −1·4 hrs. at Ballinacurra (Co. Cork). Maximum temperatures of about 70°F. were recorded in various parts of our Islands, but at a few places in Scotland the highest temperatures of the week did not reach 60°F. The lowest of the screen minimum temperatures occurred during the second half of the week at most stations, the lowest reading, 27°F., being registered at Balmoral on the 18th. Ground frosts occurred at a number of places in various parts of the country. The mean temperature for the week was above the normal in all Districts, the average excess being between 3°F. and 4°F. Thunderstorms occurred at Waterford on the 12th and at Dublin on the 13th. Mist or fog was reported on various days in many parts of our Islands. Lunar halos were observed at Oxford and Tenbury on the 12th, at Rothesay (Bute) on the 13th, and at Inverness on the 14th. Solar halos were seen at Birmingham, Oxford and Dublin on the 12th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	*t*	57	15th	43	17, 18	51·7	47·7	49·6	+3·5	4	0·20	5	− 15
Orkneys	Deerness ...	160	*p*	58	15th	37	17th	53·6	45·7	49·5	+2·8	2	0·26	7	− 12
Hebrides	Stornoway ¶	51	*t*	60	14th	39	14th	55·9	44·9	50·2	+3·7	4	0·51	13	− 13
	Castlebay ...	37	*t*	57	14th	46	18th	54·0	50·1	52·0	—	2	0·21	5	—
Caithness	Wick ... ¶	81	*t*	57	15th	39	18th	54·6	45·7	50·0	+3·6	2	0·12	3	− 12
Ross and Cromarty	Strathpeffer ¶	125	*a*	65	14th	38	14, 18	57·3	42·0	49·4	+3·4	2	0·26	7	− 6
	Achnashellach ¶	225	*h*	66	14, 15	41	17th	57·4	43·7	50·4	—	4	0·56	14	—
Inverness	Inverness ...	242	*h*	65	14th	40	12, 14	56·9	43·9	50·2	—	2	0·09	2	—
	Fort Augustus ¶	68	*a*	67	14th	32	16th	57·9	39·0	48·2	+1·8	2	0·14	4	− 16
	Onich ... ¶	48	*h*	66	14th	42	18th	56·9	44·6	50·6	—	3	0·78	20	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	62	15th	39	18th	55·9	43·7	49·6	+3·9	4	0·15	4	− 9
Elgin	Gordon Castle ¶	101	*p*	69	14th	38	17th	59·6	42·0	50·5	+3·7	2	0·10	3	− 15
Aberdeen	Aberdeen ... ¶	46	*t*	60	12th	37	18th	54·7	44·6	49·5	—	1	0·21	5	− 12
	Balmoral ... ¶	930	*a*	68	14th	27	18th	56·1	36·9	46·2	+3·0	3	0·31	8	− 12
Perth	Crieff ... ¶	478	*p*	60	14th	39	17, 18	53·6	41·9	47·6	+1·1	4	0·55	14	− 8
Forfar	Dundee ...	147	*a*	59	12th	39	18th	54·3	42·9	48·4	—	3	0·56	14	—
Fife	Inchkeith ... ¶	190	*t*	57	12, 13	42	16th	54·0	46·0	49·9	—	5	0·34	9	—
Midlothian	Edinburgh ...	441	*p*	58	12th	40	15th	53·6	43·6	48·5	+1·4	6	0·37	9	− 6
Peebles	West Linton ¶	770	*a*	64	15th	33	13, 18	56·6	35·7	45·8	+2·0	4	0·37	9	—
Berwick	Marchmont ¶	498	*a*	65	14th	39	16th	56·3	41·6	48·7	+2·8	4	0·40	10	− 11
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	*a*	66	14th	39	18th	57·9	42·6	50·0	—	2	1·45	37	—
Renfrew	Renfrew ... ¶	36	*t*	58	13, 14	34	18th	55·3	41·0	47·9	—	2	0·65	17	—
Bute	Rothesay ... ¶	200	*p*	58	14th	42	16th	54·7	45·6	50·0	+2·0	2	0·80	20	− 4
Ayr	Kilmarnock ¶	90	*a*	72	14th	39	17, 18	60·6	42·7	51·4	+4·7	3	0·61	15	− 4
	Colmonell... ¶	170	*a*	68	14th	42	18th	59·1	46·7	52·7	+4·7	2	0·33	8	− 16
Dumfries	Dumfries ... ¶	140	*p*	69	14th	41	15th	58·3	43·6	50·7	+3·1	2	0·37	9	− 11
	Eskdalemuir ...	794	*t*	66	14th	34	16th	56·1	38·4	47·0	—	2	0·56	14	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	—	—	—	—	—	—	—	—	—
Deerness §	5·1	+2·7	51	—	—	—	—	—	—
Stornoway §	3·3	+0·6	32	—	—	—	—	—	—
Castlebay ...	3·1	—	30	—	—	—	—	—	—
Achnashellach	—	—	—	0	31	—	—	—	—
Inverness §	4·6	—	45	0	34	—	—	—	—
Onich ...	3·7	—	36	0	32	—	—	—	—
Nairn §	4·9	—	49	—	—	—	—	—	—
Gordon Castle	4·8	—	48	—	—	—	—	—	—
Aberdeen §	3·4	+0·6	33	1	29	—	—	50·4	+0·3
Balmoral ...	—	—	—	1	22	—	—	—	—
(Kinc.)Crathes §	—	—	—	2	23	46·7	—	49·0	—
Dundee §	2·7	—	27	0	34	49·9	—	—	—
Inchkeith ...	3·6	—	35	0	38	—	—	—	—
Edinburgh §	4·2	+1·2	41	0	37	—	—	—	—
West Linton...	—	—	—	4	27	—	—	—	—
Marchmont §	4·1	+1·6	41	—	—	—	—	—	—
Ford ...	—	—	—	0	33	50·3	—	51·9	—
Renfrew ...	3·2	—	31	2	26	—	—	—	—
Rothesay §	3·2	+0·5	31	0	34	49·9	—	51·0	− 0·2
Kilmarnock ...	4·0	—	39	—	—	49·3	—	51·3	—
Colmonell ...	—	—	—	0	39	—	—	—	—
Dumfries ...	4·7	—	46	0	34	50·8	+2·1	52·0	− 0·2
Eskdalemuir §	5·5	+2·8	54	2	30	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	63	14th	42	18th	56·3	48·1	52·1	+3·1	3	0·67	17	− 8
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	60	12, 13, 14	35	16th	56·6	41·6	48·9	+2·9	3	0·15	4	− 16
	Tynemouth ¶	118	t	62	12th	44	18th	56·3	48·1	52·1	+4·2	2	0·10	3	− 15
Durham	Durham ... ¶	336	p	65	14th	37	18th	57·1	43·1	49·9	+2·9	2	0·20	5	− 14
York,	Rounton ... ¶	249	p	64	14th	40	18th	56·7	45·0	50·7	+3·9	2	0·28	7	− 11
N. Riding	West Witton ... ¶	605	a	65	14th	35	18th	57·9	43·1	50·3	—	2	0·25	6	—
	Scarborough ¶	118	h	65	12th	46	17th	59·1	48·4	53·6	+4·6	0	0·00	0	− 19
	York ... ¶	56	p	68	14th	39	18th	57·9	46·1	51·8	+3·6	1	0·31	8	− 8
E. Riding	Spurn Head ¶	26	t	64	12th	44	18th	57·3	49·3	53·2	+3·3	3	0·27	7	− 8
Lincoln	Lincoln ... ¶	58	a	69	13th	33	18th	60·4	46·1	53·0	+4·8	1	0·33	8	− 7
	Cranwell ... ¶	236	t	69	13th	34	18th	59·7	44·7	52·0	+3·6	2	0·17	4	− 11
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	67	13th	47	18th	60·7	50·3	55·4	+5·5	4	0·19	5	− 9
	Yarmouth ... ¶	13	t	63	12, 13	37	18th	58·9	50·1	54·4	+4·5	2	0·05	1	− 16
	Norwich ... ¶	93	a	69	13th	32	18th	60·7	47·3	53·8	+4·7	1	0·18	5	− 13
	Geldeston ... ¶	37	a	67	12th	32	18th	60·8	46·0	53·2	+3·7	2	0·11	3	− 13
Cambridge	Cambridge ¶	41	p	72	13th	31	18th	59·7	44·9	52·1	+3·2	1	0·07	2	− 12
Hertford	Rothamsted ¶	420	a	66	13th	35	18th	58·3	46·3	52·1	+3·9	3	0·12	3	− 15
Middlesex	Tottenham ¶	51	p	70	13th	36	18th	61·0	48·7	54·7	—	1	0·08	2	—
Essex	Clacton-on-Sea ¶	55	t	63	13th	39	18th	58·6	51·3	54·8	+4·4	4	0·04	1	− 10
	Southend	90	h	68	12th	41	18th	60·7	49·3	54·8	—	2	0·04	1	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	63	14th	37	18th	55·7	45·1	50·2	+3·4	4	0·42	11	− 8
W. Riding	Sheffield	429	p	64	13th	38	18th	57·6	45·9	51·6	—	3	0·26	7	− 11
Derby	Buxton	987	p	66	13th	32	18th	57·4	43·7	50·4	+5·1	2	0·50	13	− 15
Nottingham	Worksop(Hods'ck)¶	56	a	66	13th	33	18th	59·7	43·7	51·5	+3·5	4	0·39	10	− 5
	Nottingham ¶	192	a	68	13th	32	18th	58·7	46·3	52·3	+4·6	2	0·23	6	− 7
Warwick	Birmingham (Edg)¶	525	t	70	13th	40	18th	58·0	46·9	52·3	+4·1	3	0·28	7	− 9
Northampton	Oundle ... ¶	147	a	69	13th	29	18th	58·9	45·6	52·1	—	4	0·14	4	—
Oxford	Oxford ... ¶	208	p	71	13th	35	18th	61·7	45·3	53·3	+4·3	2	0·15	4	− 12
Stafford	Cheadle ... ¶	646	a	65	13th	37	18th	56·0	45·4	50·5	+3·6	3	0·41	11	− 7
Worcester	Tenbury ... ¶	313	p	69	13th	33	18th	58·4	43·0	50·5	+2·7	2	0·19	5	− 10
	Malvern	377	h	69	13th	39	18th	57·7	47·1	52·2	—	3	0·22	6	—
Hereford	Hereford ... ¶	291	a	66	13th	39	18th	57·3	45·6	51·3	+3·1	1	0·23	6	− 11
Gloucester	Clifton ... ¶	225	a	69	13th	47	18th	59·7	49·9	54·7	+4·8	1	0·11	3	− 18
5. ENGLAND, S.E.															
London	Westminster ...	27	a	70	13th	42	18th	61·9	50·3	55·9	+5·0	1	0·05	1	− 12
	Greenwich ‡ ...	149	a	69	12, 13	36	18th	61·9	48·1	54·8	+4·9	2	0·06	2	− 12
	Hampstead ...	450	a	68	13th	42	18th	58·9	48·4	53·5	—	3	0·10	3	—
	Camden Square ...	110	a	69	13th	39	18th	60·9	49·1	54·8	+4·5	1	0·07	2	− 12
Surrey	Richmond (KewO)¶	18	t	68	13th	39	18th	60·6	49·5	54·9	+5·3	1	0·05	1	− 13
	Wisley ... ¶	150	a	71	13th	40	18th	61·1	48·0	54·4	+5·5	2	0·12	3	− 13
Kent	Tunbridge Wells ¶	354	h	70	13th	36	18th	61·1	47·0	53·8	+4·1	1	0·07	2	− 16
	Margate ... ¶	51	h	65	12th	44	18th	59·4	50·7	54·9	+3·4	1	0·04	1	− 14
	Dungeness ¶	21	t	63	13, 14	37	18th	59·4	50·6	54·9	+3·5	0	0·00	0	− 19
Sussex	St. Leonards ¶	178	h	66	14th	43	18th	59·9	50·9	55·3	+3·8	3	0·06	1	− 19
	Worthing	36	h	66	12, 11	47	18th	61·2	51·3	56·1	—	1	0·04	1	—
I. of Wight	Ventnor ... ¶	59	a	65	13, 14	50	17th	61·0	53·6	57·2	+4·2	1	0·07	2	− 19
Hampshire	Southampton ¶	64	p	69	14th	46	14th	61·7	49·9	55·6	+4·4	1	0·11	3	− 18
Wiltshire	Marlborough ¶	424	a	69	13th	39	17th	60·3	45·4	52·6	+5·0	2	0·16	4	− 15
	Porton ¶	363	a	69	13th	43	17th	60·0	47·6	53·6	—	1	0·15	4	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	70	14th	41	16th	57·9	45·1	51·3	+4·0	3	0·17	4	− 20
	Newton Rigg ¶	559	p	69	13th	35	18th	59·0	39·6	49·0	+2·6	5	0·14	4	− 18
Lancashire	Stonyhurst ¶	377	a	65	14th	35	18th	57·0	46·0	51·3	+3·8	4	0·57	15	− 11
	Blackpool ¶	66	h	68	13, 14	38	18th	59·0	47·4	53·0	+4·1	2	0·48	12	− 9
	Southport ¶	37	h	69	13, 14	37	18th	59·2	47·1	53·0	+4·1	3	0·54	14	− 6
Manchester	Whitworth Pk. ¶	125	p	72	13th	37	18th	60·6	45·6	52·9	+3·4	4	0·59	15	− 4
Cheshire	Liverp'l (Bidston) ¶	189	a	65	13th	42	18th	57·3	48·3	52·7	+3·5	3	0·50	13	− 6
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	67	13th	37	18th	58·9	47·3	52·9	+3·2	3	0·58	15	− 2
Carnarvon	Llandudno ¶	22	h	69	13, 14	40	18th	61·0	49·1	54·9	+4·2	2	0·52	13	− 7
Anglesey	Holyhead ¶	26	t	67	14th	42	18th	59·4	49·4	54·3	+3·5	3	0·72	18	− 5
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	72	13th	42	16th	62·0	50·3	56·0	—	3	0·47	12	—
Pembroke	St. Ann's Hd. ¶	150	t	63	14th	45	18th	58·4	51·4	54·8	+3·2	2	0·29	7	− 16
Radnor	Rhayader ¶	757	a	69	13th	35	18th	59·1	43·9	51·3	—	2	0·25	6	—
Glamorgan	Cardiff ... ¶	202	p	68	13th	45	18th	59·9	49·3	54·4	+4·9	1	0·12	3	− 23
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	71	13th	45	18th	60·4	49·7	54·9	+5·3	1	0·14	4	− 14
Dorset	Shaftesbury ¶	722	a	67	14th	47	17th	59·3	49·3	54·2	+5·3	1	0·09	2	− 20
	Portland Bill ¶	19	t	62	14th	52	16th	59·7	53·9	56·7	+4·1	1	0·16	4	− 14
Devon	Arlington ¶	613	a	68	13, 14	42	16th	61·1	48·5	54·6	+5·5	1	0·44	11	− 25
	Cullompton ¶	202	a	70	13th	43	14th	62·0	48·4	55·0	+5·5	2	0·20	5	− 18
	Plymouth ¶	116	p	68	13, 14	45	16th	63·3	51·9	57·4	+5·9	3	0·24	6	− 16
Cornwall	Newquay ...	190	h	66	14th	44	18th	60·4	50·4	55·3	+3·0	2	0·21	5	− 17
	Falmouth ¶	167	h	63	14th	45	18th	59·6	52·0	55·7	+3·9	1	0·19	5	− 23
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	68	14th	44	18th	57·3	48·9	53·0	+3·3	3	0·78	20	+ 4
Mayo	Blacksod Point ¶	10	t	64	14th	47	12, 17, 18	57·6	50·7	54·1	+3·5	5	0·82	21	− 5
	Mallaranny ...	120	a	65	15th	43	17th	59·1	48·7	53·8	—	4	1·27	32	—
Sligo	Markree Castle ¶	122	p	66	14th	35	18th	59·7	44·1	51·7	+3·7	5	0·69	18	− 4
Armagh	Armagh ... ¶	204	p	68	14th	38	18th	59·0	42·6	50·6	+2·4	4	0·39	10	− 4
Down	Donaghadee ¶	35	t	63	14th	42	17th	56·7	47·4	51·9	+2·3	2	0·24	6	− 9
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	62	14th	40	18th	57·3	46·1	51·5	+1·5	4	0·43	11	− 5
King'sCounty	Birr Castle ¶	175	t	68	14th	39	17th	58·9	44·3	51·4	+3·6	3	0·89	23	+ 6
Kilkenny	Kilkenny ¶	182	a	66	14th	36	12th	59·0	44·3	51·4	+2·8	2	0·65	17	− 1
Waterford	Waterford ¶	137	a	64	14th	42	12th	58·6	47·4	52·8	+2·9	3	0·88	22	− 1
	Seskin, Carrick-on-Suir	542	p	65	14th	41	12th	56·6	46·9	51·6	—	4	1·01	26	—
Limerick	Foynes ... ¶	50	a	65	14th	44	12, 17	58·9	47·4	53·0	+3·0	4	0·83	21	− 1
Kerry	Cahirciveen ¶	30	t	69	14th	44	17th	60·6	51·7	56·0	+4·4	5	1·09	28	− 5
	Killarney ¶	174	a	67	14th	46	12th	60·6	49·9	55·1	+4·8	5	0·85	22	− 9
Cork	Roche's Point ¶	32	t	62	14th	44	12th	56·6	50·6	53·5	+2·1	5	0·64	16	− 8
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	61	13, 14	48	18th	59·3	52·0	55·5	+1·9	5	0·28	7	− 13
Guernsey	Grange ... ¶	173	p	68	13th	49	17th	61·6	52·4	56·9	+3·0	1	0·05	1	− 24
Jersey	St. Heliers ¶	28	h	71	13th	46	18th	63·9	53·7	58·7	+4·9	1	0·05	1	− 24

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	4·0	+1·0	38	0	36	—	—	—	—
Cockle Park §	4·1	+1·1	39	0	31	48·8	+1·9	50·0	0·0
Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham §	4·4	+1·7	42	1	30	—	—	—	—
Rounton ...	—	—	—	2	28	51·7	—	—	—
West Witton	—	—	—	1	29	48·8	—	50·0	—
Scarborough †§	3·6	+0·7	35	0	33	—	—	53·4	—
York §	3·4	+0·9	33	—	—	52·2	+1·0	53·2	− 0·2
Spurn Head...	4·3	—	41	—	—	—	—	—	—
Lincoln ...	—	—	—	1	29	52·6	+2·6	54·1	+0·5
Cranwell §	3·9	+0·7	37	1	24	—	—	—	—
Skegness §	4·5	+1·1	43	—	—	—	—	—	—
Cromer §	4·4	+1·1	42	—	—	—	—	—	—
Yarmouth §	4·8	—	45	0	34	54·4	+2·2	55·0	0·0
Norwich ...	4·3	—	41	1	28	52·9	—	—	—
Geldeston §	4·5	+1·1	42	—	—	—	—	—	—
Cambridge §	2·6	− 0·7	24	0	31	55·0	+3·3	56·0	+0·9
Rothamsted §	3·2	0·0	30	1	27	53·3	—	—	—
Tottenham §	2·2	—	21	—	—	—	—	—	—
Clacton-on-Sea§	4·8	+1·3	45	0	35	55·6	+2·4	56·4	+0·6
Southend ...	4·4	—	42	0	38	56·2	—	—	—
Harrogate §	3·0	+0·1	29	1	29	50·9	+1·6	51.2	+0·2
Sheffield §	2·2	− 0·5	21	0	31	50·9	+1·0	52·1	− 0·4
Buxton ...	2·8	—	27	0	32	50·4	+2·4	51·6	− 0·1
Worksop §	2·3	− 0·3	22	1	27	52·0	—	52·8	—
Nottingham §	2·5	− 0·2	24	0	33	52·1	+2·9	53·5	+0·3
Birmingham §	1·7	− 0·6	16	1	26	51·0	+1·8	51·3	− 0·5
Oundle ...	3·1	—	29	1	26	53·9	—	54·3	—
Oxford §	3·2	0·0	31	1	29	—	—	—	—
Cheadle ...	—	—	—	0	36	—	—	—	—
Tenbury ...	—	—	—	1	28	52·0	—	—	—
Malvern ...	2·4	—	23	0	32	52·5	—	54·0	—
Ross on Wye§	2·8	—	27	0	31	53·5	—	54·2	—
Clifton §	2·6	− 0·5	25	0	46	—	—	—	—
Westminster	2·9	+0·6	27	0	37	—	—	—	—
Greenwich ...	3·3	+0·3	32	1	25	—	—	—	—
Hampstead ...	2·9	—	28	1	29	—	—	—	—
Camden Square	—	—	—	0	38	53·8	—	54·3	—
Richmond § (Kew Obs.)	2·6	− 0·3	25	0	32	54·5	+3·2	55·4	+0·9
Wisley §	3·4	+0·3	32	0	32	55·0	+3·3	55·1	+0·6
Tunbridge W'ls§	4·6	+1·1	43	1	28	55·8	—	56·8	—
Margate §	5·0	+1·7	48	0	36	55·7	+2·9	57·4	+1·6
Folkestone §	4·6	—	43	0	40	—	—	57·1	—
St. Leonards §	5·0	+1·3	47	0	34	56·5	—	57·1	—
Worthing §	4·4	+0·6	42	0	42	55·7	+2·5	56·9	+0·6
Ventnor §	4·0	+0·4	38	—	—	—	—	—	—
Southampton§	3·3	− 0·1	32	0	41	—	—	—	—
Marlborough§	2·6	− 0·3	25	0	36	53·9	—	54·1	—
Porton ...	3·1	—	29	0	37	54·0	—	—	—
Aspatria §	4·4	+1·3	42	0	36	50·5	+2·1	51·1	− 0·3
Newton Rigg§	6·2	+3·5	60	2	29	—	—	—	—
Stonyhurst §	4·4	+1·9	43	0	31	—	—	—	—
Blackpool §	4·2	+1·2	41	1	28	52·6	—	53·3	—
Southport §	4·3	+1·4	41	1	30	51·7	+2·4	54·0	+0·7
Whitworth Pk.	3·6	+1·7	35	—	—	—	—	—	—
Oldham Road	3·3	+1·3	32	1	30	51·5	− 1·8	54·1	− 0·7
Bidston ...	2·8	—	27	0	36	—	—	—	—
(Ches.)Hoylake§	3·6	+0·8	35	—	—	—	—	—	—
Llandudno §	5·6	+2·4	54	—	—	—	—	—	—
Holyhead ...	6·0	—	58	0	36	—	—	—	—
Aberystwyth§	5.7	+2·2	54	—	—	—	—	—	—
St. Ann's Hd.§	4·3	+0·9	41	—	—	—	—	—	—
Rhayader §	3·3	—	31	1	30	—	—	—	—
Cardiff ...	3·1	—	29	0	41	54·1	+2·2	54·4	− 0·4
Bath ... §	3·0	− 0·4	28	—	—	55·8	—	56·4	—
Shaftesbury...	—	—	—	—	—	—	—	54·7	—
Weymouth ...	3·7	—	35	—	—	—	—	—	—
Arlington ...	—	—	—	0	37	—	—	—	—
Cullompton §	2·6	− 0·4	25	0	37	54·1	—	—	—
Plymouth §	5·0	+1·5	48	0	40	55·2	+1·9	55·4	—
Newquay §	4·4	+0·7	42	—	—	55·0	—	55·2	—
Falmouth §	3·0	− 0·8	28	0	41	56·4	—	57·0	—
Malin Head...	4·5	—	44	—	—	—	—	—	—
Mallaranny ...	3·2	—	31	—	—	—	—	—	—
MarkreeC'stle§	2·6	− 0·3	25	—	—	51·5	− 0·5	52·9	− 1·1
Armagh §	4·3	+1·3	42	1	29	50·8	− 0·5	51·8	− 1·5
Trinity Coll.	—	—	—	0	35	52·1	0·0	52·4	− 1·5
Phœnix Park §	4·4	+1·2	43	1	30	—	—	—	—
Dublin City ...	—	—	—	0	34	—	—	—	—
Birr Castle §	3·0	− 0·1	29	2	29	—	—	—	—
Seskin ...	2·0	—	19	0	33	—	—	—	—
Cahirciveen (Valencia O.)§	3·9	+0·7	37	0	38	—	—	—	—
Ballinacurra §	1·7	− 1·4	16	—	—	—	—	—	—
St. Mary's §	4·2	+0·3	39	—	—	—	—	—	—
Grange §	5·4	+1·1	51	0	42	56·6	+1·1	57·2	− 0·9
St. Heliers §	6·1	+1·9	57	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, October 18th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrences.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	12, 13, 15, 16	53	59	48	5	3	250	34	15	12	12	49	22	12	7	45
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	11, 12, 16	7	83	70	3	0	160	32	14	12	3	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	42	92	34	0	200	18	8	12	5	35	15	12	4	45
Edinburgh Edinburgh ...	485	39	31	—	0	12	4	27	57	80	0	210	30	13	12	2	46	21	12	1	40
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	11	70	87	0	190	22	10	12	1	48	22	12	2	10
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	20	66	82	0	190	23	11	12	2	45	20	12	2	25
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	4	90	74	0	270	14	6	17	7	22	10	17	6	50
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	26	110	32	0	130	18	8	14	24	24	11	15	0	15
Lincoln Cranwell ...	280	43	31	—	0	—	0	0	(86)	(82)	0	110	11	5	14	23	18	8	17	11	5
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	3	105	60	0	340	15	7	17	13	22	10	17	13	10
Essex Shoeburyness...	103	90	‡	—	0	—	0	15	115	38	0	70	15	7	14	21	22	10	14	21	55
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	5	73	90	0	90	14	6	14	22	23	10	14	21	50
Surrey Croydon ...	284	40	24	—	0	—	0	0	70	98	0	40	11	5	15	13	17	8	12	4	5
Kent Lympne ...	409	70	‡	—	0	—	0	16	120	32	0	80	18	8	14	23	23	10	15	4	30
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	1	120	47	0	70	13	6	15	5	18	8	15	7	0
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	4	88	49	27	190	15	7	12	3	22	10	15	11	40
Wiltshire Larkhill ...	513	63	43	—	0	—	0	1	(115)	(52)	0	100	13	6	15	1	17	8	12	0	40
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	20	123	25	0	320	21	9	17	5	30	13	12	1	25
Lancashire Southport ...	80	62	48	—	0	—	0	14	128	26	0	320	19	9	17	6	25	11	12	1	10
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	37	65	66	0	210 / 240	23	10	12	1 / 2	40	18	12	1	35
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	44	81	37	6	—	21	9	12	18	34	15	12	17	5
Cornwall Pendennis Castle§...	256	65	24			Instrument out of	action														
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	—	0	12	115	41	0	210	18	8	12	5	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	—	0	45	95	28	0	0	21	9	15	11	32	14	18	16	5
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	—	0	51	100	17	0	190	19	9	18	15	35	16	12	19	20
Cork Weaver Pt. ...	160	30	‡	—	0	—	0	30	109	29	0	—	18	8	18	22	30	13	12	22	0
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	—	0	58	61	47	2	100	23	10	15	19	32	14	12	17	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	23	13	5·9	8	10	4·3	10	6	2·9	4	4	1·6	14	7	3·2	16	4	1·9	16	6	2·9	20	7	3·0
North	3	5	2·3	2	3	1·4	4	4	2·0	5	4	1·6	4	8	3·4	2	5	2·3	3	2	1·1	3	3	1·1
West	14	9	3·8	12	10	4 5	5	3	1·2	0	—	—	14	4	1·9	3	4	2·0	6	7	3·2	4	5	2·1
East	11	4	1·8	1	1	0·4	12	7	3·0	10	8	3·5	5	3	1·5	13	13	5·6	14	4	1·6	20	7	3·1
Calm (or wind-speed < 4 m.p.h.)	1	—	—	14	—	—	11	—	—	16	—	—	9	—	—	6	—	—	7	—	—	4	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	4	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director. 23rd October, 1924.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry Ltd., The Grove, Southwark, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

173

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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METEOROLOGICAL OFFICE 4 NOV 1924 C

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-THIRD WEEK of 1924—October 19th to October 25th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	60	28	50·4	41·1	45·6	+1·3	28	− 1	3	− 7	3	− 2	0·37	9	− 19	2·6	0·0	27	1013
Eastern.																			
1. SCOTLAND, EAST ...	58	22	49·6	38·5	43·9	− 0·2	23	− 5	10	− 3	3	− 1	0·17	4	− 14	2·5	− 0·1	26	1015
2. ENGLAND, N.E. ...	58	30	51·7	41·3	46·3	+0·2	32	− 3	2	− 4	3	− 1	0·51	13	− 5	3·1	+0·4	31	1016
3. ENGLAND, EAST ...	59	31	52·8	43·3	47·9	+0·8	41	− 1	0	− 6	3	− 1	1·27	32	+16	2·5	− 0·4	25	1016
4. MIDLAND COUNTIES	60	25	51·4	39·8	45·4	− 0·6	30	− 6	6	− 3	3	− 1	0·93	24	+ 7	2·9	+0·4	29	1016
5. ENGLAND, S.E. ...	59	28	53·5	42·9	48·1	− 0·4	43	− 6	0	− 4	4	0	0·96	24	+ 2	2·3	− 0·7	23	1015
Western.																			
6. SCOTLAND, WEST[1] ...	60	27	52·1	41·0	46·4	+0·9	34	− 1	3	− 6	2	− 2	0·23	6	− 20	2·7	− 0·1	27	1016
7. ENGLAND, N.W.[2] ...	62	31	51·5	42·1	46·7	− 0·1	33	− 5	0	− 5	3	− 1	0·68	17	− 6	3·3	+0·7	33	1015
8. ENGLAND, S.W.[3] ...	60	31	53·1	44·4	48·7	+0·2	47	− 2	0	− 4	4	− 1	0·95	24	− 3	2·5	− 0·4	25	1014
9. IRELAND, NORTH ...	58	32	52·9	45·3	49·0	+2·8	49	+12	0	− 7	3	− 1	0·21	5	− 17	2·7	− 0·2	28	1012
10. IRELAND, SOUTH ...	59	33	54·0	46·5	50·1	+2·6	57	+13	0	− 6	4	0	0·85	22	− 2	2·4	− 0·6	24	1012
11. CHANNEL ISLANDS[4]	62	43	55·5	50·0	52·7	+0·5	75	+ 3	0	0	4	− 1	1·22	31	+ 3	1·5	− 1·9	15	1014
MEAN: DISTRICTS 1-10	62	22	52·3	42·5	47·3	+0·6	39	0	2	− 5	3	− 1	0·68	17	− 4	2·7	− 0·1	27	1015

THE SEASON (Autumn).—Aggregates, &c., for the Period of 8 Weeks, August 31st to October 25th, 1924.

0. SCOTLAND, NORTH...	73	28	55·7	45·0	50·1	+0·9	459	+26	5	− 19	35	− 3	8·83	224	+24	3·6	+ 0·6	31	1006
Eastern.																			
1. SCOTLAND, EAST ...	70	22	56·3	43·3	49·5	0·0	444	− 10	21	− 12	36	+ 6	6·69	170	+45	4·1	+ 0·6	35	1008
2. ENGLAND, N.E. ...	71	30	59·1	47·5	53·1	+1·5	624	+73	2	− 9	32	+ 4	4·73	120	+12	3·9	0·0	34	1011
3. ENGLAND, EAST ...	72	31	60·9	49·7	55·1	+2·1	734	+105	0	− 14	31	+ 4	5·78	147	+43	3·6	− 0·7	31	1013
4. MIDLAND COUNTIES	72	25	59·4	47·1	53·0	+1·3	621	+54	6	− 18	33	+ 6	6·12	156	+46	3·3	− 0·4	28	1012
5. ENGLAND, S.E. ...	73	28	60·9	50·0	55·2	+1·1	742	+58	0	− 10	32	+ 5	6·06	154	+28	3·7	− 0·8	32	1013
Western.																			
6. SCOTLAND, WEST[1] ...	72	27	57·3	45·4	51·1	+0·4	520	+ 6	7	− 11	34	+ 4	8·11	207	+19	3·5	− 0·1	30	1009
7. ENGLAND, N.W.[2] ...	72	31	58·3	48·1	53·1	+0·9	620	+43	0	− 9	36	+ 6	6·84	173	+22	3·6	− 0·1	31	1011
8. ENGLAND, S.W.[3] ...	71	31	59·3	49·5	54·3	+0·8	687	+37	0	− 7	35	+ 4	8·80	223	+56	3·4	− 0·7	29	1012
9. IRELAND, NORTH ...	69	31	57·2	46·7	51·8	+0·3	550	+10	0	− 12	39	+ 5	8·22	208	+56	3·4	0·0	30	1008
10. IRELAND, SOUTH ...	73	33	58·5	47·9	53·0	+0·3	614	+ 2	0	− 11	39	+ 8	9·16	233	+78	3·3	− 0·6	28	1010
11. CHANNEL ISLANDS[4]	72	42	60·8	52·9	56·7	0·0	823	− 1	0	0	32	0	7·08	181	+30	4·5	− 0·6	38	1013
MEAN: DISTRICTS 1-10	73	22	58·7	47·5	52·9	+0·9	616	+38	4	− 11	35	+ 5	7·05	179	+41	3·6	− 0·3	31	1011

THE YEAR. Aggregates, &c., for the Period of 43 Weeks, December 30th, 1923, to October 25th, 1924.

0. SCOTLAND, NORTH...	81	12	52·1	41·7	46·7	+0·1	1871	− 70	453	− 87	195	− 4	38·22	971	− 21	3·5	0·0	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·6	40·3	46·2	− 0·9	1886	−264	629	+12	190	+22	27·30	694	+68	3·7	− 0·4	28	1009
2. ENGLAND, N.E. ...	87	16	55·0	42·5	48·5	− 0·3	2463	− 27	518	+57	152	0	21·88	555	+45	4·1	− 0·4	32	1012
3. ENGLAND, EAST ...	87	18	56·8	44·0	50·1	+0·2	2916	+57	476	− 5	150	+ 3	23·06	584	+101	4·7	− 0·2	36	1013
4. MIDLAND COUNTIES	87	15	56·2	42·3	49·0	− 0·4	2627	−124	522	+ 4	160	+14	26·80	682	+143	3·9	− 0·4	30	1013
5. ENGLAND, S.E. ...	86	17	57·0	44·4	50·4	− 0·6	2939	−116	398	+31	151	+ 8	26·17	666	+131	5·0	− 0·1	39	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·8	42·1	47·7	− 0·8	2176	−205	460	+52	186	+11	35·74	907	− 11	3·6	− 0·6	27	1011
7. ENGLAND, N.W.[2] ...	85	21	54·6	44·0	49·3	− 0·2	2504	−104	366	− 3	179	+19	29·87	757	+56	4·0	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·7	44·8	50·0	− 0·6	2728	−160	309	+18	166	+ 6	35·95	911	+158	4·3	− 0·5	33	1013
9. IRELAND, NORTH ...	73	18	54·5	43·8	48·9	− 0·2	2370	−105	287	− 38	210	+17	34·12	865	+102	3·5	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	56·1	45·0	50·3	− 0·3	2728	−126	226	− 27	198	+27	35·64	905	+113	3·7	− 0·7	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·9	48·3	52·4	− 0·6	3226	−176	88	− 12	166	+ 1	27·63	704	+82	5·3	− 0·5	41	1014
MEAN: DISTRICTS 1-10	87	2	55·2	43·3	49·0	− 0·4	2534	−117	419	+10	174	+12	29·65	753	+91	4·1	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION					WESTERN SECTION					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Unusual	Unusual	Moderate
	Rainfall ..	Light	Light	Moderate	Heavy	Heavy	Moderate	Light	Moderate	Moderate	Light	Moderate	Moderate
	Sunshine ..	Moderate	Moderate	Moderate	Moderate	Moderate	Scanty	Moderate	Abundant	Moderate	Moderate	Moderate	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 8 weeks from August 31st, 1924	Warmth ..	3, 4, 1	2, 5, 1	5, 3, 0	6, 2, 0	4, 4, 0	3, 5, 0	2, 5, 1	2, 6, 0	2, 6, 0	3, 4, 1	3, 3, 2	1, 7, 0
	Rainfall ..	3, 1, 4	3, 2, 3	4, 2, 2	4, 3, 1	5, 1, 2	3, 3, 2	3, 3, 2	3, 2, 3	4, 2, 2	3, 3, 2	4, 3, 1	3, 3, 2
	Sunshine ..	4, 3, 1	5, 2, 1	2, 4, 2	0, 7, 1	1, 5, 2	0, 5, 3	3, 3, 2	3, 3, 2	2, 2, 4	2, 4, 2	0, 5, 3	1, 4, 3

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather over the British Isles, especially during the first half of the week, was of a very unsettled type and rain fell in most places. During the second half of the period many parts of our Islands came under the influence of a ridge of high pressure from the Atlantic which extended across England to the south of Sweden, and in most parts of the country there was a temporary improvement in the weather. The highest temperatures occurred during the first three days of the week over the country as a whole and in some places maxima round about 60°F. were registered, the highest readings being 62°F. at Hawarden Bridge (Chester) on the 19th and at Jersey on the 21st. Screen minima below 32°F. were recorded in some parts, the lowest reading, 22°F., occurring at Balmoral on the 22nd. Ground frosts were registered in many places and in some parts of our Islands the grass temperatures were low for the time of year. The mean temperature for the week was nearly 3°F. in excess of the normal in Ireland N. and Ireland S., but in most of the other Districts it did not differ much from the normal. The total amount of rainfall for the week varied a good deal in different parts of the country. In England E. the District value was 16mm. above the normal, while at one or two of the Scottish Districts it was about 20mm. below. Among the largest individual measurements which occurred generally on the 21st were 43mm. at Geldeston (near Beccles), 36mm. at Cambridge, 34mm. at Norwich and Ventnor and 33mm. at Oundle (Northampton), while on the same date several places had measurements exceeding 25mm. The largest amounts of sunshine were recorded on the 24th in most parts of our Islands, and at several stations sunshine values of 9 hrs. or slightly above were registered. The departure of the mean daily duration of sunshine from the normal for the week ranged from + 1·1 hrs. at Nottingham to −2·3 hrs. at Jersey. Aurora was seen at Gordon Castle (Elgin) on the 23rd. Solar halos were observed at Plymouth on the 20th and at Aberdeen on the 21st. The Zodiacal Band and Counterglow were observed at Wadhurst (Sussex) on the 22nd and 23rd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

DISTRICTS AND NAMES OF STATIONS REPORTING TEMPERATURE OF AIR AND RAINFALL.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	*t*	52	23rd	34	21, 22	48·3	42·6	45·4	+1·1	3	0·59	15
Orkneys	Deerness	160	*p*	53	23rd	34	22nd	49·1	40·7	44·8	0·0	3	0·31	8
Hebrides	Stornoway ¶	51	*t*	55	19, 23	34	22nd	50·6	43·7	47·1	+2·4	3	0·13	3
	Castlebay	37	*t*	53	19, 23	44	25th	50·9	47·9	49·4	—	2	0·11	3
Caithness	Wick ... ¶	81	*t*	54	23rd	36	22nd	48·9	43·3	46·0	+1·6	2	0·25	6
Ross and	Strathpeffer ¶	125	*a*	55	19, 23	29	22nd	51·4	37·6	44·3	+0·4	1	0·02	1
Cromarty	Achnashellach ¶	225	*h*	60	24th	28	22nd	51·4	39·0	45·0	—	3	0·66	17
Inverness	Inverness	242	*h*	55	24th	28	22nd	50·3	40·0	45·0	—	2	0·02	1
	Fort Augustus ¶	68	*a*	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	*h*	56	24th	33	22nd	51·9	40·7	46·1	—	3	0·54	14
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	*t*	55	19th	27	22nd	50·4	38·1	44·1	+0·5	3	0·13	3
Elgin	Gordon Castle ¶	101	*p*	58	23rd	28	22nd	51·4	36·6	43·8	−0·9	2	0·16	4
Aberdeen	Aberdeen ... ¶	46	*t*	54	19th	32	22nd	49·6	41·3	45·3	—	3	0·31	8
	Balmoral ... ¶	952	*a*	52	19th	22	22nd	46·7	35·1	40·7	−0·3	3	0·24	6
Perth	Crieff ... ¶	478	*p*	55	19th	30	22nd	48·4	36·0	42·0	−2·3	3	0·07	2
Forfar	Dundee	147	*a*	55	19th	34	22, 24	51·0	38·4	44·5	—	3	0·14	4
Fife	Inchkeith ... ¶	190	*t*	56	19th	39	22nd	50·6	43·6	47·0	—	3	0·10	3
Midlothian	Edinburgh ...	441	*p*	56	19th	37	22, 25	49·4	40·9	45·0	+0·1	4	0·33	9
Peebles	West Linton ¶	770	*a*	55	19th	27	24th	50·1	39·0	44·4	+3·0	4	0·17	4
Berwick	Marchmont ¶	498	*a*	57	19th	33	24th	49·9	38·3	43·9	+0·2	5	0·16	4
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	*a*	56	20th	27	22nd	51·6	40·0	45·6	—	2	0·28	7
Renfrew	Renfrew ... ¶	36	*t*	59	20th	31	22nd	52·0	38·9	45·3	—	2	0·10	3
Bute	Rothesay ... ¶	200	*p*	55	20th	38	22nd	51·1	42·1	46·5	+0·8	1	0·18	5
Ayr	Kilmarnock ¶	90	*a*	60	20th	32	22nd	54·4	40·4	47·2	+3·0	2	0·09	2
	Colmonell... ¶	170	*a*	56	19th	33	22nd	52·6	41·3	46·8	+1·2	1	0·43	11
Dumfries	Dumfries ... ¶	140	*p*	58	19th	32	24th	51·7	39·1	45·2	+0·1	2	0·27	7
	Eskdalemuir ...	794	*t*	54	19, 20	31	22, 23, 24	48·1	36·4	42·1	—	2	0·26	7

STATIONS REPORTING SUNSHINE AND TEMPERATURE ON THE GRASS AND IN THE GROUND.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	3·0	—	32	—	—	—	—	—	—
Deerness §	1·5	−0·9	16	—	—	—	—	—	—
Stornoway §	3·2	+0·4	34	—	—	—	—	—	—
Castlebay ...	1·7	—	17	—	—	—	—	—	—
Achnashellach	—	—	—	3	17	—	—	—	—
Inverness §	2·9	—	30	2	19	—	—	—	—
Onich ...	3·0	—	31	1	24	—	—	—	—
Nairn §	3·3	—	34	—	—	—	—	—	—
Gordon Castle	2·8	—	29	—	—	—	—	—	—
Aberdeen §	2·4	−0·4	25	2	28	—	—	49·7	+0·5
Balmoral ...	—	—	—	3	20	—	—	—	—
(Kinc.)Crathes §	3·5	+0·7	36	3	22	44·1	—	48·1	—
Dundee §	2·2	—	23	1	29	47·9	—	—	—
Inchkeith ...	2·0		21	0	33	—	—	—	—
Edinburgh §	2·2	−0·8	23	2	29	—	—	—	—
West Linton...	—	—	—	3	24	—	—	—	—
Marchmont §	1·4	−1·2	14	—	—	—	—	—	—
Ford ...	—	—	—	1	25	49·0	—	51·4	—
Renfrew ...	2·2		23	4	22	—	—	—	—
Rothesay §	3·4	+0·7	35	0	33	47·9	—	50·8	+0·5
Kilmarnock ...	3·0	—	31	—	—	47·5	—	50·8	—
Colmonell ...	—	—	—	1	28	—	—	—	—
Dumfries ...	2·3	—	24	2	23	48·5	+1·5	51·5	+0·6
Eskdalemuir §	1·9	−0·8	20	4	25	—	—	—	—

t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																								
I. of Man	Douglas ... ¶	284	h	57	19th	40	23rd	51·4	45·0	48·1	+1·4	2	0·23	6	– 19	Douglas §	2·7	– 0·3	27	0	37	—	—	—	—
2. ENGLAND, N.E.																								
Northumberland	Cockle Park ¶	324	p	57	19th	33	22, 23	50·7	38·3	44·3	+0·2	2	0·09	2	– 18	Cockle Park §	2·0	– 0·7	20	2	30	45·6	+0·7	49·4	+0·6
	Tynemouth ¶	118	t	58	19th	38	23, 24	51·7	44·9	48·2	+2.2	3	0·05	1	– 16	Tynemouth ...	—	—	—	0	34	—	—	—	—
Durham	Durham ... ¶	336	p	57	19, 20	30	24th	51·9	38·6	45·1	+0·1	3	0·23	6	– 12	Durham §	2·5	+0·1	26	2	23	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	56	19th	32	24th	50·1	39·9	44·9	0·0	3	0·44	11	– 6	Rounton ...	—	—	—	3	23	49·0	—	—	—
	West Witton ...	605	a	57	19th	33	23rd	49·9	39·4	44·5	—	4	0·66	17	—	West Witton	—	—	—	2	26	46·2	—	49·6	—
	Scarborough ¶	118	h	—	—	—	—	—	—	—	—	—	—	—	—	Scarborough †§	—	—	—	—	—	—	—	—	—
	York ... ¶	56	p	58	20th	34	24th	52·3	41·1	46·5	+0·3	3	0·26	7	– 9	York §	3·2	+0·9	32	—	—	50·2	+0·7	52·7	+0·3
E. Riding	Spurn Head ¶	26	t	55	20th	41	23rd	51·9	46·1	48·9	+1·1	3	0·73	19	+ 5	Spurn Head...	4·2	—	42	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	58	20th	32	23rd	53·1	40·6	46·7	+0·6	3	1·04	26	+11	Lincoln ...	—	—	—	2	30	48·8	+0·8	53·4	+0·9
	Cranwell ... ¶	236	t	58	20th	32	23rd	51·6	40·6	45·9	– 0·3	2	1·26	32	+17	Cranwell §	3·7	+0·9	37	3	22	—	—	—	—
																Skegness §	3·9	+0·8	39	—	—	—	—	—	—
3. ENGLAND, E.																								
Norfolk	Cromer ... ¶	196	a	58	20th	43	24th	52·6	45·4	48·9	+1·2	2	0·84	21	+ 6	Cromer §	3·1	+0·2	31	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	59	20th	45	25th	53·1	47·0	50·0	+2·4	3	1·47	37	+19	Yarmouth §	2·4	—	24	0	42	52·0	+2·0	52·7	– 1·2
	Norwich ... ¶	93	a	58	20th	33	24th	52·6	41·3	46·8	+0·1	4	1·32	34	+15	Norwich ...	2·4	—	24	3	27	48·8	—	—	—
	Geldeston ... ¶	37	a	59	20th	39	23, 24	52·9	43·4	48·0	+0·7	3	1·76	45	+28	Geldeston §	2·4	– 0·5	24	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	58	20th	31	24th	53·0	39·7	46·2	– 0·4	3	1·51	38	+24	Cambridge §	2·3	– 0·5	23	3	25	51·5	+1·8	55·2	+1·3
Hertford	Rothamsted ¶	420	a	54	19, 20	33	24th	51·0	40·6	45·7	– 0·3	4	1·09	28	+ 9	Rothamsted §	2·7	– 0·1	27	3	21	49·2	—	—	—
Middlesex	Tottenham ¶	51	p	58	20th	34	24th	54·0	42·1	47·9	—	4	1·00	25	—	Tottenham §	2·4	—	24	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	56	20, 21	39	23rd	52·9	46·9	49·8	+1·8	3	1·13	29	+17	Clacton-on-Sea§	1·9	– 1·2	19	0	36	51·6	+0·1	55·4	+0·7
	Southend	90	h	57	20th	38	23rd	52·4	44·9	48·5	—	4	0·93	24	—	Southend ...	2·0	—	20	0	36	52·4	—	—	—
4. MIDLAND COUNTIES.																								
York, W. Riding	Harrogate ¶	479	t	55	19, 20	33	24th	49·6	40·0	44·7	– 0·1	3	0·41	10	– 10	Harrogate §	2·5	0·0	25	1	30	48·6	+0·9	50·6	+0·8
	Sheffield	429	p	57	19th	34	24th	50·9	41·1	45·9	—	3	0·98	25	+ 6	Sheffield §	2·9	+0·6	29	3	26	48·3	+0·1	51·4	– 0·1
Derby	Buxton	987	p	54	19th	33	23, 24	47·9	39·3	43·5	+0·2	3	1·09	28	– 1	Buxton ...	2·7	—	27	0	31	46·6	+0·6	51·1	+0·5
Nottingham	Worksop(Hods'ck)¶	56	a	57	20th	26	24th	53·0	37·3	44·9	– 1·1	2	0·93	24	+ 9	Worksop §	3·0	+0·8	30	3	22	48·6	—	51·9	—
	Nottingham ¶	192	a	56	19, 20	35	23rd	51·6	40·9	46·1	+0·4	3	1·09	28	+15	Nottingham §	3·3	+1·1	33	0	31	48·3	+1·2	52·5	+0·7
Warwick	Birmingham (Edg)¶	525	t	56	19th	34	25th	50·3	41·3	45·7	– 0·5	2	0·85	21	+ 4	Birmingham §	2·6	+0·7	26	3	29	47·8	+0·2	51·1	0·0
Northampton	Oundle ... ¶	147	a	58	20th	30	24th	52·1	37·4	44·5	—	2	1·37	35	—	Oundle ...	3·1	—	31	3	24	50·4	—	53·9	—
Oxford	Oxford ... ¶	208	p	56	19, 20	30	24th	52·4	40·3	46·2	– 0·8	4	0·67	17	0	Oxford §	2·6	– 0·1	26	3	21	—	—	—	—
Stafford	Cheadle ... ¶	646	a	56	19th	32	24th	49·7	38·9	44·1	– 0·8	3	0·64	16	– 4	Cheadle ...	—	—	—	1	30	—	—	—	—
Worcester	Tenbury ... ¶	313	p	60	19th	25	24th	51·6	39·9	45·6	– 0·3	3	0·93	24	+ 8	Tenbury ...	—	—	—	3	20	49·5	—	—	—
	Malvern	377	h	57	19th	32	24th	50·6	41·6	46·0	—	4	1·43	36	—	Malvern ...	3·4	—	34	2	25	49·5	—	53·1	—
Hereford	Hereford ... ¶	291	a	58	19th	26	24th	51·0	39·1	44·9	– 1·3	3	0·84	21	+ 3	Ross on Wye§	3·5	—	35	3	21	50·6	—	53·8	—
Gloucester	Clifton ... ¶	225	a	58	19th	33	24th	52·3	43·1	47·6	– 0·3	4	1·56	40	+18	Clifton §	2·7	+0·1	27	0	35	—	—	—	—
5. ENGLAND, S.E.																								
London	Westminster ...	27	a	57	20th	39	23, 24	53·3	43·6	48·3	– 0·4	4	0·93	24	+ 9	Westminster	1·7	– 0·2	17	0	32	—	—	—	—
	Greenwich ‡ ...	149	a	57	19, 20	33	24th	53·1	40·3	46·5	– 1·2	4	0·77	20	+ 4	Greenwich ...	2·1	– 0·6	21	3	21	—	—	—	—
	Hampstead ...	450	p	55	21, 22	36	23rd	52·3	41·7	46·8	—	4	1·03	27	—	Hampstead ...	2·7	—	27	3	27	—	—	—	—
	Camden Square ...	110	a	56	20th	35	24th	53·1	41·9	47·3	– 0·8	4	0·92	23	+ 6	Camden Square	—	—	—	0	32	50·6	—	53·9	—
																Richmond § (Kew Obs.)	1·6	– 1·0	16	3	23	50·4	+1·1	54·7	+1·3
Surrey	Richmond (KewO)¶	18	t	57	20th	33	24th	52·6	42·3	47·3	– 0·2	3	0·74	19	+ 2	Wisley §	2·0	– 0·8	20	3	19	51·0	+1·4	54·5	+1·2
	Wisley ... ¶	150	a	57	20th	29	24th	52·9	39·4	46·0	– 0·8	4	0·99	25	+ 6	Tunbridge W'ls§	2·2	– 0·9	22	3	26	52·6	—	56·0	—
Kent	Tunbridge Wells ¶	354	h	58	20th	36	23, 24	53·3	41·3	47·1	– 0·4	4	0·82	21	0	Margate §	2·1	– 0·8	21	0	38	52·4	+1·6	56·4	+1·8
	Margate ... ¶	51	h	57	20th	43	25th	52·9	46·4	49·6	+0·3	2	0·55	14	– 4	Folkestone §	2·2	—	22	0	37	—	—	56·4	—
	Dungeness ¶	21	t	59	20, 21	39	23rd	54·3	46·3	50·2	+0·9	3	0·79	20	– 1	St. Leonards §	2·5	– 0·9	25	0	33	53·0	—	56·5	—
Sussex	St. Leonards ¶	178	h	58	20, 21	38	24th	53·7	44·4	48·9	– 0·5	5	1·20	31	+ 8	Worthing §	2·6	– 0·9	23	0	35	53·3	+2·0	56·2	+1·0
	Worthing	36	h	58	21st	37	24th	54·0	44·6	49·2	—	5	1·00	25	—	Ventnor §	2·8	– 0·6	27	—	—	—	—	—	—
I. of Wight	Ventnor ... ¶	59	a	59	20th	39	23rd	55·6	46·1	50·7	– 0·3	4	1·72	44	+20	Southampton§	2·6	– 0·5	26	1	28	—	—	—	—
Hampshire	Southampton ¶	64	p	58	21st	32	24th	55·1	42·7	48·7	– 0·4	4	1·07	27	+ 3	Marlborough§	2·5	– 0·1	25	1	24	49·8	—	53·7	—
Wiltshire	Marlborough ¶	424	a	58	23rd	28	24th	52·3	40·4	46·2	+0·7	4	1·04	26	+ 4	Porton ...	2·7	—	27	2	24	50·8	—	—	—
	Porton ¶	363	a	56	21st	30	24th	51·9	40·0	45·8	—	3	0·64	16	—										
7a. ENGLAND, N.W.																								
Cumberland	Aspatria(Mealsg'e)¶	487	p	55	20th	32	22nd	50·4	40·7	45·4	+0·4	3	0·59	15	– 10	Aspatria §	3·0	+0·1	31	1	30	49·4	+2·5	50·8	+0·3
	Newton Rigg ¶	559	p	58	19, 20	31	22nd	51·0	37·1	43·8	– 0·1	3	0·48	12	– 10	Newton Rigg§	3·3	+0·8	34	4	25	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	54	19, 20	36	23rd	49·4	40·1	44·6	– 0·6	2	0·71	18	– 9	Stonyhurst §	2·7	+0·3	28	0	32	—	—	—	—
	Blackpool ¶	66	h	57	20th	34	25th	51·9	42·3	47·0	+0·4	2	0·53	13	– 9	Blackpool §	2·9	0·0	29	0	31	49·9	—	52·9	—
	Southport ¶	37	h	55	19, 20	35	25th	51·8	42·8	47·2	+0·6	3	0·81	21	+ 1	Southport §	3·3	+0·5	33	2	27	48·0	+1·0	52·7	+1·1
Manchester	Whitworth Pk. ¶	125	p	56	19th	37	23rd	51·6	43·0	47·2	+0·2	3	0·85	21	+ 2	Whitworth Pk.	2·6	+0·9	26	—	—	—	—	—	—
																Oldham Road	1·9	+0·2	19	1	30	48·8	+0·5	53·4	– 0·2
Cheshire	Liverp'l (Bidston) ¶	189	a	56	19th	37	24, 25	50·4	43·3	46·8	– 0·2	2	0·83	21	+ 3	Bidston ...	3·5	—	35	0	32	—	—	—	—
																(Ches.)Hoylake§	3·7	+0·9	37	—	—	—	—	—	—
7b. NORTH WALES.																								
Flint	Hawarden Bridge¶	22	a	62	19th	34	24th	52·7	42·0	47·2	– 0·2	3	0·94	24	+ 8									
Carnarvon	Llandudno ¶	22	h	57	19, 23	36	25th	52·4	44·3	48·2	– 0·3	3	0·90	23	+ 3	Llandudno §	3·6	+0·5	37	—	—	—	—	—	—
Anglesey	Holyhead ¶	26		58	19th	37	25th	53·4	46·0	49·6	+0·9	2	0·17	4	– 20	Holyhead ...	3·3	—	33	1	30	—	—	—	—
8a. SOUTH WALES.																								
Cardigan	Aberystwyth ¶	59	h	58	19th	37	25th	54·3	44·9	49·5	—	2	0·13	3	—	Aberystwyth§	3.6	+0·5	36	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	56	19, 20	43	23rd	53·1	47·6	50·3	+0·5	4	0·48	12	– 13	St. Ann's Hd.§	2·1	– 0·8	21	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	57	19th	33	23, 24	50·0	40·3	45·0	—	4	1·03	23	—	Rhayader §	3·7	—	37	3	23	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	57	20th	36	24th	51·6	43·4	47·4	+0·1	4	1·65	42	+14	Cardiff ...	3·3	—	33	0	32	51·8	+1·9	54·2	+0·4
8b. ENGLAND, S.W.																								
Somerset	Bath ... ¶	66	h	59	19th	31	24th	53·0	43·4	48·1	+0·6	4	0·97	25	+ 6	Bath ... §	2·6	– 0·3	26	—	—	53·5	—	56·1	—
Dorset	Shaftesbury ¶	722	a	56	20, 21	34	24th	51·7	41·4	46·4	– 0·4	4	0·92	23	0	Shaftesbury...	—	—	—	—	—	—	—	54·5	—
	Portland Bill ¶	19	t	59	20, 21	41	23rd	54·7	48·1	51·3	+0·6	4	0·45	11	– 8	Weymouth ...	2·7	—	26	—	—	—	—	—	—
Devon	Arlington ¶	613	a	60	21st	37	23, 25	53·0	43·0	47·9	+0·8	5	0·71	18	– 20	Arlington ...	—	—	—	0	34	—	—	—	—
	Cullompton ¶	202	a	59	19, 21	33	24, 25	54·1	41·4	47·6	+0·2	5	0·77	19	– 5	Cullompton §	1·9	– 0·8	19	1	25	52·7	—	—	—
	Plymouth ¶	116	p	59	20th	41	23rd	55·4	47·0	51·1	+1·5	4	0·83	21	– 3	Plymouth §	2·4	– 0·7	24	0	36	53·2	+1·7	55·2	—
Cornwall	Newquay ...	190	h	58	21st	38	23rd	53·9	46·7	50·2	– 0·2	4	0·66	17	– 7	Newquay §	1·5	– 1·8	15	—	—	54·0	—	55·2	—
	Falmouth ¶	167	h	58	21st	41	23rd	54·9	48·4	51·6	+1·6	4	1·70	43	+13	Falmouth §	2·1	– 1·2	21	0	35	54·7	—	56·7	—
9. IRELAND, N.																								
Donegal	Malin Head ¶	53	t	55	23rd	38	22nd	51·6	45·4	48·4	+1·5	2	0·10	3	– 15	Malin Head...	3·6	—	37	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	55	20, 21, 24	43	22, 23	53·7	47·6	50·6	+2·8	4	0·38	10	– 19										
	Mallaranny ...	120	a	57	23rd	40	22nd	54·0	46·0	49·9	—	3	0·54	14	—	Mallaranny ...	1·7	—	17	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	57	19th	32	22nd	53·4	43·6	48·4	+3·2	3	0·45	11	– 13	MarkreeC'stle§	1·8	– 1·1	18	—	—	50·6	+0·3	52·5	– 0·7
Armagh	Armagh ... ¶	204	p	57	19th	35	22nd	52·7	42·9	47·7	+2·4	3	0·13	3	– 13	Armagh §	3·7	+0·8	37	2	25	50·1	+0·6	51·8	– 0·6
Down	Donaghadee ¶	35	t	58	19th	43	23rd	52·7	47·1	49·8	+3·0	2	0·03	1	– 16										
10. IRELAND, S.																Trinity Coll.	—	—	—	0	35	51·1	+0·8	52·2	– 0·7
Dublin	Dublin City ¶	54	p	56	19th	42	23, 25	52·6	45·0	49·2	+1·7	2	0·14	4	– 12	Phœnix Park §	3·0	– 0·1	30	0	33	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	56	19th	35	22nd	53·0	45·1	48·9	+3·6	4	0·15	4	– 14	Dublin City...	—	—	—	0	35	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	57	19th	33	23rd	53·6	43·0	48·1	+2·1	5	0·75	19	0	Birr Castle §	2·0	– 0·9	20	1	29	—	—	—	—
Waterford	Waterford ¶	137	a	59	19th	40	22nd	54·7	46·9	50·7	+3·4	4	1·54	39	+15										
	Seskin, Carrick-on-Suir	542	p	57	19th	40	22nd	52·0	44·9	48·4	—	5	2·03	52	—	Seskin ...	2·3	—	23	0	32	—	—	—	—
Limerick	Foynes ... ¶	50	a	57	23rd	40	22nd	54·1	46·7	50·3	+2·9	5	0·61	16	– 7										
Kerry	Cahirciveen ¶	30	t	57	21, 22	45	22nd	54·9	50·1	52·4	+3·2	4	1·24	31	– 3	Cahirciveen (Valencia O.)§	2·0	– 1·1	20	0	42	—	—	—	—
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—										
Cork	Roche's Point ¶	32	t	57	19th	43	22nd	55·1	47·9	51·4	+2·4	4	1·50	38	+13	Ballinacurra §	2·7	– 0·3	27	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																								
Scilly	St. Mary's ¶	131	t	58	21st	43	23rd	55·1	49·7	52·3	+0·1	4	1·53	39	+15	St. Mary's §	2·1	– 1·2	21	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	60	20, 21	46	23, 25	55·9	49·9	52·8	+0·6	4	1·56	40	+10	Grange §	1·3	– 2·2	12	0	40	54·4	+0·7	57·0	0·0
Jersey	St. Heliers ¶	28	h	62	21st	46	25th	55·6	50·3	52·9	+0·8	4	0·57	15	– 15	St. Heliers §	1·2	– 2·3	11	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, October 25th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Dur-ation.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Dur-ation.	13 to 24 m.p.h. Dur-ation.	4 to 12 m.p.h. Dur-ation.	Less than 4 m.p.h. Dur-ation.	No Record. Dur-ation.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ..	310	42	‡	24	2	20, 22 to 25	54	61	41	10	0	180	40	18	24	14	54	24	24	13	15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	20, 24	20	71	61	16	0	160	33	15	24	18	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ..	72	42	‡	—	0	25	3	68	86	11	0	140	25	11	25	7 / 9	43	19	20	16	35
Edinburgh Edinburgh ...	485	39	31	—	0	24	3	47	109	9	0	170	26	12	24	20	40	18	24	19	20
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	9	115	44	0	70	17	8	21	12	34	15	21	12	5
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	23	92	53	0	50	19	9	21	11	29	13	21	10	45
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	24	9	60	83	16	0	130	29	13	24	16	40	18	24	16	50
York, E.R. Spurn Head ...	67	41	‡	—	0	21, 22, 24	34	93	37	4	0	60	33	15	21	21	45	20	21	23	25
Lincoln Cranwell ...	280	43	31	—	0	21, 22	4	47	78	39	0	30	30	13	22	1	42	19	22	1	20
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	22	6	21, 22, 24	35	70	41	16	0	30	46	21	22	5	61	27	22	4	55
Essex Shoeburyness...	103	90	‡	—	0	22, 24	19	88	56	5	0	100	28	13	24	18	49	22	22	6	30
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	26	96	43	3	90	22	10	24	11	36	16	22	4	35
Surrey Croydon ...	284	40	24	—	0	—	0	23	96	49	0	360	23	10	22	6	43	19	22	6	5
Kent Lympne ...	409	70	‡	—	0	22	14	71	76	7	0	350	38	17	22	10	58	26	22	11	55
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	24	133	11	0	10	24	11	22	5	37	17	22	4	50
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	22	4	49	102	13	0	10	28	13	22	5	50	22	22	5	0
Wiltshire Larkhill ...	513	63	43	—	0	22	2	25	124	17	0	20	27	12	22	4	36	16	22	4	5
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	63	96	9	0	270	23	10	20	1	32	14	21	10	45
Lancashire Southport ...	80	62	48	—	0	—	0	90	77	1	0	70	24	11	21	22	36	16	21	22	25
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	21, 22	19	66	74	9	0	80	38	17	21	14	52	23	21	14	10
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	21	2	55	99	12	0	—	26	12	21	8	33	15	21	8	5
Cornwall Pendennis Castle§...	256	65	24			Instrument out of	action														
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	19, 21, 23, 24	26	81	38	23	0	70	35	16	21	16	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	23, 24	9	53	64	19	23	—	28	12	24	7	54	24	24	9	35
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	23, 24	24	54	82	8	0	150	33	15	24	3	57	26	23	22	55
Cork Weaver Pt. ...	160	30	‡	—	0	23, 24	17	88	52	11	0	—	29	13	24	3	42	19	24	8	5
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	23 to 25	13	83	36	11	25	120	30	13	23	24	40	18	25	22	20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	16	15	6·8	14	8	3·7	12	9	4·0	9	3	1·5	15	7	3·0	17	11	4·7	17	11	5·1	17	12	5·2
North	8	10	4·5	5	6	2·5	9	15	6·7	12	6	2·6	8	6	2·7	6	10	4·3	4	9	4·2	8	6	2·8
West	7	4	2·0	10	9	3·9	9	5	2·1	9	4	1·7	7	13	5·6	8	9	3·8	6	13	5·7	5	10	4·3
East	12	5	2·3	11	7	3·2	16	19	8·4	11	7	3·1	19	11	4·8	14	14	6·1	15	13	5·6	21	9	4·0
Calm (or wind-speed < 4 m.p.h.)	4	—	—	5	—	—	2	—	—	6	—	—	0	—	—	1	—	—	5	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 30th October, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

177

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 44.

FORTY-FOURTH WEEK.
SUNDAY, OCTOBER 26TH, TO SATURDAY, NOVEMBER 1ST, 1924.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-FOURTH WEEK of 1924—October 26th to November 1st, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	58	33	50·5	41·1	45·6	+1·6	28	+ 4	3	- 7	5	0	1·66	42	+ 9	1·6	- 0·1	18	995
Eastern.																			
1. SCOTLAND, EAST ...	58	30	50·4	41·2	45·7	+1·9	28	+ 3	2	- 11	6	+ 1	1·17	30	+ 8	1·2	- 0·9	13	996
2. ENGLAND, N.E. ...	60	37	54·1	45·5	49·7	+3·6	54	+19	0	- 6	6	+ 2	1·23	31	+16	1·5	- 0·7	16	1000
3. ENGLAND, EAST ...	62	39	56·7	47·7	52·0	+5·0	70	+29	0	- 5	6	+ 2	1·41	36	+20	2·1	- 0·6	22	1003
4. MIDLAND COUNTIES	60	37	55·4	45·5	50·3	+4·5	58	+23	0	- 8	6	+ 2	1·95	50	+32	1·1	- 1·1	11	1001
5. ENGLAND, S.E. ...	63	39	57·5	49·0	53·1	+4·7	78	+30	0	- 3	7	+ 3	2·43	62	+39	1·3	- 1·5	13	1004
Western.																			
6. SCOTLAND, WEST[1] ...	58	33	52·6	45·0	48·7	+2·9	47	+14	0	- 7	6	+ 1	1·66	42	+10	0·6	- 1·5	7	997
7. ENGLAND, N.W.[2] ...	61	36	54·2	46·7	50·4	+3·7	59	+21	0	- 5	7	+ 2	1·69	43	+19	0·7	- 1·5	7	999
8. ENGLAND, S.W.[3] ...	61	38	53·2	49·4	52·7	+4·5	75	+28	0	- 3	7	+ 2	3·45	87	+58	0·6	- 1·9	6	1002
9. IRELAND, NORTH ...	60	32	54·0	45·6	49·7	+3·4	54	+19	0	- 5	6	+ 1	1·14	29	+ 5	1·1	- 1·3	12	995
10. IRELAND, SOUTH ...	61	36	56·2	47·7	51·9	+4·3	69	+26	0	- 4	7	+ 2	1·47	37	+13	1·4	- 1·3	15	999
11. CHANNEL ISLANDS[4]	61	49	58·5	53·5	55·9	+4·2	97	+29	0	0	7	+ 2	2·27	58	+34	0·9	- 2·2	9	1005
MEAN: DISTRICTS 1-10	63	30	54·7	46·3	50·4	+3·9	59	+21	0	- 6	6	+ 2	1·76	45	+22	1·2	- 1·2	12	1000

THE SEASON (Autumn).—Aggregates, &c., for the Period of 9 Weeks, August 31st to November 1st, 1924.

0. SCOTLAND, NORTH...	73	28	55·1	44·5	49·6	+1·0	487	+30	8	- 26	40	- 3	10·49	266	+33	3·4	+ 0·5	30	1005
Eastern.																			
1. SCOTLAND, EAST ...	70	22	55·6	43·0	49·1	+0·3	472	- 7	23	- 23	42	+ 7	7·86	200	+53	3·7	+ 0·4	33	1006
2. ENGLAND, N.E. ...	71	30	58·6	47·3	52·7	+1·7	678	+92	2	- 15	38	+ 6	5·93	150	+27	3·7	0·0	32	1010
3. ENGLAND, EAST ...	72	31	60·4	49·5	54·7	+2·4	804	+134	0	- 19	37	+ 6	7·19	183	+63	3·4	- 0·7	30	1012
4. MIDLAND COUNTIES	72	25	58·9	46·9	52·7	+1·6	679	+77	6	- 26	39	+ 8	8·07	206	+78	3·0	- 0·5	27	1011
5. ENGLAND, S.E. ...	73	28	60·5	49·9	55·0	+1·5	820	+88	0	- 13	39	+ 8	8·49	216	+67	3·4	- 0·9	30	1012
Western.																			
6. SCOTLAND, WEST[1] ...	72	27	56·8	45·3	50·9	+0·7	567	+20	7	- 18	40	+ 5	9·91	253	+33	3·2	- 0·2	28	1008
7. ENGLAND, N.W.[2] ...	72	31	57·9	48·0	52·8	+1·2	679	+64	0	- 14	43	+ 8	8·53	216	+41	3·3	- 0·2	29	1009
8. ENGLAND, S.W.[3] ...	71	31	59·0	49·5	54·1	+1·2	762	+65	0	- 10	42	+ 6	12·25	310	+114	3·1	- 0·9	27	1011
9. IRELAND, NORTH ...	69	31	56·9	46·6	51·6	+0·7	604	+29	0	- 17	45	+ 6	9·36	237	+61	3·2	- 0·1	28	1006
10. IRELAND, SOUTH ...	73	33	58·2	47·9	52·8	+0·7	683	+28	0	- 15	46	+10	10·63	270	+91	3·1	- 0·7	27	1009
11. CHANNEL ISLANDS[4]	72	42	60·5	53·0	56·6	+0·5	920	+28	0	0	39	+ 2	9·35	239	+64	4·1	- 0·8	35	1012
MEAN: DISTRICTS 1-10	73	22	58·3	47·4	52·6	+1·2	675	+59	4	- 17	41	+ 7	8·82	224	+63	3·3	- 0·4	29	1009

THE YEAR. Aggregates, &c., for the Period of 44 Weeks, December 30th, 1923, to November 1st, 1924.

0. SCOTLAND, NORTH...	81	12	52·1	41·7	46·7	+0·1	1899	- 66	456	- 94	200	- 4	39·88	1013	- 12	3·4	- 0·1	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·5	40·3	46·2	- 0·8	1914	-261	631	+ 1	196	+23	28·47	724	+ 76	3·6	- 0·5	27	1009
2. ENGLAND, N.E. ...	87	16	55·0	42·5	48·5	- 0·2	2517	- 8	518	+51	158	+ 2	23·08	585	+ 60	4·1	- 0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·8	44·1	50·1	+0·2	2986	+86	476	- 10	156	+ 5	24·47	620	+121	4·7	- 0·1	36	1013
4. MIDLAND COUNTIES	87	15	56·2	42·4	49·0	- 0·3	2685	-101	522	- 4	166	+16	28·75	732	+175	3·8	- 0·5	29	1012
5. ENGLAND, S.E. ...	86	17	57·0	44·5	50·5	- 0·4	3017	- 86	398	+28	158	+11	28·60	728	+170	4·9	- 0·1	38	1013
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·8	42·1	47·7	- 0·7	2223	-191	460	+45	192	+12	37·54	953	+ 3	3·6	- 0·6	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·6	44·1	49·4	0·0	2563	- 83	366	- 8	186	+21	31·56	800	+ 75	3·9	- 0·4	30	1011
8. ENGLAND, S.W.[3] ...	84	14	55·7	44·9	50·1	- 0·5	2803	-132	309	+15	173	+ 8	39·40	998	+216	4·2	- 0·6	32	1013
9. IRELAND, NORTH ...	73	18	54·5	43·8	48·9	- 0·2	2424	- 86	287	- 43	216	+18	35·26	894	+107	3·5	- 0·4	27	1009
10. IRELAND, SOUTH ...	75	21	56·1	45·0	50·4	- 0·2	2797	-100	226	- 31	205	+29	37·11	942	+126	3·6	- 0·8	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·9	48·4	52·5	- 0·4	3323	-147	88	- 12	173	+ 3	29·90	762	+116	5·2	- 0·5	40	1014
MEAN: DISTRICTS 1-10	87	2	55·2	43·4	49·1	- 0·3	2593	- 96	419	+ 4	181	+15	31·42	798	+113	4·0	- 0·4	31	1011
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England, S.W (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Very Unusual	Unusual	Very Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Very Unusual
	Rainfall ..	Heavy	Heavy	Heavy	Very Heavy	Very Heavy	Very Heavy	Moderate	Heavy	Very Heavy	Moderate	Heavy	Very Heavy
	Sunshine ..	Moderate	Scanty	Scanty	Scanty	Scanty	Scanty	Very Scanty	Very Scanty	Very Scanty	Scanty	Scanty	Very Scanty

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 9 weeks from August 31st, 1924	Warmth ..	3, 5, 1	2, 6, 1	6, 3, 0	7, 2, 0	5, 4, 0	4, 5, 0	3, 5, 1	3, 6, 0	3, 6, 0	4, 4, 1	4, 3, 2	2, 7, 0
	Rainfall ..	4, 1, 4	4, 2, 3	5, 2, 2	5, 3, 1	6, 1, 2	4, 3, 2	3, 4, 2	4, 2, 3	5, 2, 2	4, 3, 2	5, 3, 1	4, 3, 2
	Sunshine ..	4, 4, 1	5, 2, 2	2, 4, 3	0, 7, 2	1, 5, 3	0, 5, 4	3, 3, 3	3, 3, 3	2, 2, 5	2, 4, 3	0, 5, 4	1, 4, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was dull and rainy, with strong winds and gales in many places. Rain fell on six or seven days over the country generally and in some parts the measurements were decidedly large. Thunderstorms occurred in various parts of our Islands, and during the afternoon of October 30th, a heavy thunderstorm which broke over London and the south-eastern parts of England was accompanied by hail and also a "line-squall." Several individual rainfall measurements exceeding 25mm. were recorded during the week. Among the largest amounts were 36mm. at Shaftesbury on October 29th, 30mm. at Portland Bill on the 30th, and 33mm. at Falmouth and 31mm. at Eastbourne on November 1st, while on October 29th, and November 1st, Arlington (Devon) had falls of 39mm. and 36mm. and Cardiff 31mm. and 29mm. respectively. The total amount of rainfall for the week was above the normal in all Districts, the greatest excess, 58mm., occurring in England S.W. The rainfall in this District was 300 per cent. of the normal. Maximum temperatures of about 60°F. were recorded in several places, the highest reading, 63°F., occurring at Margate on October 28th. The lowest of the screen minima, 30°F., was registered at Balmoral, but several places had grass minimum temperatures slightly below 30°F. on various days during the week. The mean temperature for the week was above the normal in all Districts, the average excess being between 3°F. and 4°F. The total amount of sunshine for the week was below the normal in practically all parts of our Islands and in some Districts the deficit was decidedly large. Mist or fog was reported in various parts of the country. Solar halos were observed at Aberdeen and London (Greenwich) on October 28th, at Ross-on-Wye on the 31st and at Oxford on the 28th, 30th, 31st and November 1st.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	53	30, 31	38	29th	50·0	44·6	47·2	+2·9	3	0·98	25
Orkneys	Deerness	160	p	53	30th	42	1st	50·7	43·7	47·1	+2·4	5	0·62	16
Hebrides	Stornoway ¶	51	t	54	29, 30	34	27th	51·1	39·0	44·9	+0·3	6	1·80	46
	Castlebay	37	t	55	29th	44	1st	51·7	47·3	49·4	—	6	1·22	31
Caithness	Wick ... ¶	81	t	53	30th	37	29th	50·3	41·4	45·7	+1·6	3	0·36	9
Ross and	Strathpeffer ¶	125	a	52	30th	33	26th	48·4	37·4	42·7	−0·9	5	1·22	31
Cromarty	Achnashellach ¶	225	h	58	1st	35	28th	51·6	40·7	46·0	—	5	2·66	68
Inverness	Inverness	242	h	56	29th	34	28th	49·7	40·9	45·2	—	5	1·05	27
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	58	29th	37	27th	51·4	43·3	47·2	—	6	2·93	74
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	53	29, 30, 31	37	28th	49·3	40·6	44·8	+1·3	4	0·61	16
Elgin	Gordon Castle ¶	101	p	57	30th	38	28, 30, 31	51·7	40·0	45·7	+1·1	6	0·81	21
Aberdeen	Aberdeen ... ¶	46	t	56	31st	39	31st	50·9	42·3	46·5	—	6	1·09	28
	Balmoral ... ¶	930	a	53	29th	30	28th	47·1	34·7	40·7	−0·2	6	0·89	23
Perth	Crieff ... ¶	478	p	54	29th	39	26th	49·7	41·7	45·6	+1·6	6	2·12	54
Forfar	Dundee	147	a	55	29, 31	40	26, 28	51·7	41·6	46·5	—	5	0·94	24
Fife	Inchkeith ... ¶	190	t	58	29th	43	26th	51·1	46·3	48·6	—	7	0·89	23
Midlothian	Edinburgh ...	441	p	56	29th	41	26th	50·4	44·7	47·5	+2·7	7	1·07	27
Peebles	West Linton ¶	770	a	56	28, 29, 30	37	26th	53·0	41·3	47·0	+6·1	7	1·76	45
Berwick	Marchmont ¶	498	a	55	29th	38	26th	50·4	42·6	46·4	+2·9	7	1·19	30
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	55	27th	33	27th	52·1	42·6	47·2	—	5	2·98	76
Renfrew	Renfrew ... ¶	36	t	57	29th	39	26th	51·7	43·7	47·6	—	6	1·70	43
Bute	Rothesay ... ¶	200	p	57	30th	42	27th	51·9	44·7	48·2	+2·2	6	1·58	40
Ayr	Kilmarnock ¶	90	a	57	29th	41	26th	53·3	45·3	49·2	+4·8	7	1·16	29
	Colmonell... ¶	170	a	58	28th	39	26th	53·7	45·6	49·5	+3·6	7	0·51	13
Dumfries	Dumfries ... ¶	140	p	55	29th	37	26th	52·4	45·1	48·6	+3·4	7	2·15	55
	Eskdalemuir ...	794	t	53	29th	38	26th	49·1	42·9	45·9	—	7	2·84	72

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	1·5	—	17	—	—	—	—	—	—
Deerness §	1·3	−0·4	15	—	—	—	—	—	—
Stornoway §	2·1	+0·2	24	—	—	—	—	—	—
Castlebay ...	1·5	—	16	—	—	—	—	—	—
Achnashellach	—	—	—	3	27	—	—	—	—
Inverness §	1·3	—	15	1	29	—	—	—	—
Onich ...	1·0	—	11	1	29	—	—	—	—
Nairn §	1·2	—	14	—	—	—	—	—	—
Gordon Castle	0·9	—	10	—	—	—	—	—	—
Aberdeen §	1·6	−0·6	18	1	30	—	—	48·7	+0·4
Balmoral ...	—	—	—	2	28	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	1·1	—	12	0	33	46·0	—	—	—
Inchkeith ...	1·0	—	11	0	40	—	—	—	—
Edinburgh §	0·9	−1·4	10	0	39	—	—	—	—
West Linton...	—	—	—	0	31	—	—	—	—
Marchmont §	0·9	−1·0	10	—	—	—	—	—	—
Ford ...	—	—	—	—	—	47·	—	50·5	—
Renfrew ...	0·7	—	7	0	34	—	—	—	—
Rothesay §	0·7	−1·1	7	0	37	47·0	—	49·4	+0·4
Kilmarnock ...	0·6	—	7	—	—	47·4	—	50·0	—
Colmonell ...	—	—	—	0	38	—	—	—	—
Dumfries ...	0·3	—	4	1	30	47·7	+2·2	50·0	+0·3
Eskdalemuir §	0·3	−1·6	3	0	38	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	56	29th	45	26th	53·1	47·7	50·3	+3·1	7	1·56	39	+ 9
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	58	29th	40	26th	52·7	43·3	47·9	+3·9	6	1·29	33	+16
	Tynemouth ¶	118	t	57	29th	43	26th	53·1	46·6	49·8	+3·8	7	1·17	30	+16
Durham	Durham ... ¶	336	p	57	29th	37	29th	53·3	42·7	47·8	+3·0	6	1·40	35	+20
York, N. Riding	Rounton ... ¶	249	p	56	29th	41	28th	53·0	44·4	48·6	+3·9	7	1·27	32	+18
	West Witton ...	605	a	57	29, 1	39	28th	53·6	43·9	48·6	—	7	2·08	53	—
	Scarborough ¶	118	h	59	29th	44	28th	55·4	46·9	51·0	+4·1	6	1·04	26	+10
	York ... ¶	56	p	60	29th	42	26th	54·1	46·6	50·2	+4·3	6	1·20	30	+17
E. Riding	Spurn Head ¶	26	t	60	29th	46	31st	54·6	48·4	51·4	+3·9	6	1·02	26	+14
Lincoln	Lincoln ... ¶	58	a	59	29th	43	26th	56·0	45·7	50·7	+5·0	6	1·36	35	+23
	Cranwell ... ¶	236	t	59	28, 29	43	26th	54·9	45·3	50·0	+4·1	6	1·35	34	+22
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	59	29th	44	26th	56·3	46·6	51.3	+3·6	6	0·98	25	+11
	Yarmouth ... ¶	13	t	61	29th	46	26th	57·0	48·3	52·5	+4·9	6	1·11	28	+11
	Norwich ... ¶	93	a	60	29th	39	26th	56·7	46·1	51·2	+4·5	6	1·19	30	+12
	Geldeston ... ¶	37	a	61	29th	42	26th	57·9	47·4	52·5	+5·2	6	1·09	28	+11
Cambridge	Cambridge ¶	41	p	—	—	—	—	—	—	—	—	—	—	—	—
Hertford	Rothamsted ¶	420	a	59	28, 1	40	26th	55·4	46·7	50·9	+4·8	7	1·64	42	+24
Middlesex	Tottenham ¶	51	p	62	28th	44	26th	57·7	49·3	53·4	—	7	1·65	42	—
Essex	Clacton-on-Sea ¶	55	t	59	28th	47	1st	55·6	49·4	52·4	+4·6	7	2·20	56	+44
	Southend	90	h	61	28th	47	26, 1	57·4	49·0	53·1	—	7	1·80	46	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	60	29th	40	26th	52·7	45·1	48·8	+4·3	6	1·95	49	+29
	Sheffield	429	p	60	29th	42	26th	55·4	46·6	50·9	—	6	1·99	51	+31
Derby	Buxton	987	p	55	29th	39	26th	50·7	44·1	47·3	+4·3	6	4·38	111	+80
Nottingham	Worksop(Hods'ck)¶	56	a	60	31st	38	26th	56·9	44·6	50·6	+5·0	7	1·65	42	+27
	Nottingham ¶	192	a	58	28, 29	42	26th	56·0	45·0	50·3	+4·7	6	1·56	40	+27
Warwick	Birmingham (Edg)¶	525	t	57	28, 30	42	26th	54·1	45·4	49·6	+3·8	5	1·97	50	+33
Northampton	Oundle ... ¶	147	a	59	28, 29	40	26th	56·6	44·4	50·3	—	5	1·43	33	—
Oxford	Oxford ... ¶	208	p	60	28, 1	41	26th	57·0	48·3	52·5	+6·0	7	1·85	47	+30
Stafford	Cheadle ... ¶	646	a	56	28,29,1	40	26, 1	53·6	42·7	48·0	+3·4	6	2·42	61	+40
Worcester	Tenbury ... ¶	313	p	59	28th	41	26th	56·0	46·4	51·1	+3·5	7	1·91	49	+33
	Malvern	377	h	58	1st	42	26th	54·6	47·1	50·7	—	6	2·11	53	—
Hereford	Hereford ... ¶	291	a	58	28,29,1	37	26th	55·3	45·6	50·3	+4·4	6	1·52	39	+21
Gloucester	Clifton ... ¶	225	a	59	28,29, 1	40	26th	56·0	47·7	51·7	+4·2	7	3·28	83	+30
5. ENGLAND, S.E.															
London	Westminster ...	27	a	62	28th	44	26th	58·0	49·1	53·4	+4·7	6	1·69	43	+27
	Greenwich ‡ ...	149	a	63	29th	40	26th	58·4	47·9	53·0	+5·4	7	1·85	47	+30
	Hampstead ...	450	p	60	28th	43	26th	55·7	47·4	51·4	—	7	1·93	49	—
	Camden Square ...	110	a	61	28th	42	26th	57·1	48·7	52·8	+4·8	7	1·74	44	+26
Surrey	Richmond (KewO)¶	18	t	61	29th	43	26th	57·4	49·0	53·1	+5·6	7	1·82	46	+28
	Wisley ... ¶	150	a	62	28th	41	26th	57·4	48·3	52·7	+5·8	7	1·90	48	+29
Kent	Tunbridge Wells ¶	354	h	61	28th	41	26th	57·6	48·0	52·7	+5·2	6	2·24	57	+34
	Margate ... ¶	51	h	63	28th	47	26, 27	58·7	49·7	54·1	+4·9	7	1·90	48	+29
	Dungeness ¶	21	t	59	28th	49	1st	57·7	51·9	54·7	+5·5	7	2·58	65	+43
Sussex	St. Leonards ¶	178	h	61	28th	46	26, 1	57·9	50·5	54·1	+4·8	7	3·33	85	+60
	Worthing	36	h	59	28th	48	27th	56·8	51·0	53·8	—	7	3·12	79	—
I. of Wight	Ventnor ... ¶	59	a	60	28th	48	26th	58·3	52·0	55·1	+4·1	6	3·63	92	+66
Hampshire	Southampton ¶	64	p	61	28th	45	26th	53·0	49·6	53·2	+4·2	7	2·53	65	+40
Wiltshire	Marlborough ¶	424	a	58	28,29,1	39	26th	55·6	45·7	50·5	+4·9	7	1·96	50	+26
	Porton ¶	363	a	59	28th	39	26th	56·6	45·9	51·1	—	7	2·40	61	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	57	29th	39	26th	52·0	45·6	48·7	+3·6	7	1·61	41	+15
	Newton Rigg ¶	559	p	59	30th	36	26th	52·3	41·4	46·7	+2·9	7	2·38	60	+38
Lancashire	Stonyhurst ¶	377	a	57	29th	41	26th	54·3	45·6	49·1	+3·8	7	2·17	55	+27
	Blackpool ¶	66	h	58	28, 29	42	26th	54·6	48·4	51·4	+4·9	7	2·17	55	+33
	Southport ¶	37	h	59	29th	41	26th	54·4	47·8	51·0	+4·5	6	1·79	45	+24
Manchester	Whitworth Pk. ¶	125	p	60	29th	43	26th	54·7	46·4	50·4	+3·7	7	2·12	54	+36
Cheshire	Liverp'l (Bidston) ¶	189	a	59	29th	43	26th	54·0	47·1	50·5	+3·5	6	1·12	28	+10
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	60	29th	44	28th	56·9	48·0	52·3	+4·8	6	1·62	41	+25
Carnarvon	Llandudno ¶	22	h	61	29th	42	26th	56·0	48·7	52·2	+3·6	6	1·19	30	+10
Anglesey	Holyhead ¶	26		56	28,30,1	45	26th	54·7	49·7	52·1	+3·2	6	1·05	27	+ 2
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	59	29th	44	26th	57·3	52·0	54·6	—	5	1·63	41	—
Pembroke	St. Ann's Hd. ¶	150	t	57	28, 1	47	26, 27	54·9	51·0	52·9	+3·3	7	2·04	52	+25
Radnor	Rhayader ¶	757	a	57	28, 1	38	26th	54·4	45·3	49·7	—	6	2·65	67	—
Glamorgan	Cardiff ... ¶	202	p	58	28, 1	44	26th	55·1	48·6	51·8	+5·1	7	3·72	94	+65
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	60	1st	44	26th	57·0	50·1	53·5	+6·6	7	2·76	70	+50
Dorset	Shaftesbury ¶	722	a	58	28th	39	26th	54·7	44·9	49·7	+3·5	7	3·00	76	+52
	Portland Bill ¶	19	t	59	28,30,1	51	26, 30	58·1	54·1	56·0	+5·6	7	3·65	93	+73
Devon	Arlington ¶	613	a	58	1st	43	26th	54·6	47·7	51·1	+4·3	7	4·74	120	+80
	Cullompton ¶	202	a	61	28th	43	27th	57·4	48·7	52·9	+5·9	7	3·20	81	+56
	Plymouth ¶	116	p	59	27, 28	46	27th	57·9	51·6	54·7	+5·4	6	3·51	89	+64
Cornwall	Newquay ...	190	h	59	1st	45	27th	56·9	51·1	53·9	+3·7	7	2·87	73	+48
	Falmouth ¶	167	h	59	26th	46	27th	57·9	52·0	54·9	+5·0	7	5·20	132	+99
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	57	28, 29	40	27th	52·7	45·1	48·8	+1·6	7	0·87	22	+ 2
Mayo	Blacksod Point ¶	10	t	57	29th	46	26, 27	53·9	48·0	50·9	+2·8	7	1·43	36	+ 4
	Mallaranny ...	120	a	57	28, 29	42	27th	54·4	46·4	50·3	—	5	2·86	73	—
Sligo	Markree Castle ¶	122	p	60	29th	32	27th	55·4	44·1	49·6	+4·3	6	1·38	35	+ 9
Armagh	Armagh ... ¶	204	p	58	29th	34	27th	53·3	43·9	48·5	+3·1	6	1·03	26	+ 9
Down	Donaghadee ¶	35	t	57	28, 31	44	28th	53·7	46·9	50·2	+3·3	6	0·67	17	- 2
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	60	29th	40	27th	55·3	46·9	51·0	+3·2	6	1·02	26	+10
King'sCounty	Birr Castle ¶	175	t	59	29th	38	27th	54·9	45·7	50·2	+4·8	6	1·48	38	+20
Kilkenny	Kilkenny ¶	182	a	58	29, 1	38	28th	55·4	43·7	49·4	+3·3	7	1·18	30	+11
Waterford	Waterford ¶	137	a	61	28th	42	27th	56·6	47·6	52·0	+4·7	7	1·13	29	+ 6
	Seskin, Carrick-on-Suir	542	p	58	28, 1	39	27th	54·7	44·6	49·5	—	6	1·65	42	—
Limerick	Foynes ... ¶	50	a	60	29th	43	27th	56·3	47·6	51·8	+4·2	7	1·83	47	+24
Kerry	Cahirciveen ¶	30	t	58	28,29,1	45	26th	57·0	50·9	53·9	+4·3	7	1·76	45	+12
	Killarney ¶	174	a	61	29th	46	1st	57·7	49·9	53·7	+5·6	7	1·65	42	+ 9
Cork	Roche's Point ¶	32	t	60	28th	47	1st	56·4	49·4	52·8	+3·6	7	1·66	42	+17
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	58	1st	49	26, 27	56·9	52·0	54·4	+3·0	7	1·98	50	+30
Guernsey	Grange ... ¶	173	p	60	27,28,29	49	27th	58·9	53·6	56·2	+4·8	7	2·48	63	+38
Jersey	St. Heliers ¶	28	h	61	1st	49	26th	59·7	54·9	57·2	+5·8	7	2·35	60	+35

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Lowest Reading	Earth 1 ft. Mean	Deviation from normal	Earth 4 ft. Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	0·9	- 1·8	10	0	43	—	—	—	—
Cockle Park §	1·4	- 1·0	15	0	38	46·8	+3·3	47·0	- 0·5
Tynemouth ...	—	—	—	0	40	—	—	—	—
Durham §	1·0	- 1·1	11	0	32	—	—	—	—
Rounton ...	—	—	—	0	35	48·1	—	—	—
West Witton	—	—	—	0	33	45·2	—	48·3	—
Scarborough †§	1·8	- 0·3	19	0	40	—	—	50·9	—
York §	0·6	- 1·2	7	—	—	49·3	+1·3	51·4	+0·1
Spurn Head...	1·7	—	18	—	—	—	—	—	—
Lincoln ...	—	—	—	0	40	48·7	+2·3	51·7	+0·3
Cranwell §	2·3	- 0·1	24	0	34	—	—	—	—
Skegness §	2·2	- 0·4	23	—	—	—	—	—	—
Cromer §	3·1	+0·4	32	—	—	—	—	—	—
Yarmouth §	2·6	—	28	0	—	50·6	+2·4	52·9	+0·3
Norwich ...	2·4	—	25	0	33	48·6	—	—	—
Geldeston §	2·5	- 0·1	27	—	—	—	—	—	—
Cambridge §	—	—	—	—	—	—	—	—	—
Rothamsted §	1·2	- 1·4	13	0	35	49·0	—	—	—
Tottenham §	0·9	—	9	—	—	—	—	—	—
Clacton-on-Sea§	2·1	- 0·8	22	0	43	51·5	+1·7	54·0	+0·5
Southend ...	1·7	—	18	0	44	51·8	—	—	—
Harrogate §	0·8	- 1·5	9	0	35	48·0	+1·7	49·1	+0·5
Sheffield §	1·5	- 0·6	16	0	37	48·0	+1·3	49·9	- 0·6
Buxton ...	1·0	—	11	0	35	46·1	+1·8	49·2	- 0·3
Worksop §	0·9	- 1·1	10	0	33	48·4	—	50·2	—
Nottingham §	1·4	- 0·5	15	0	38	48·1	+2·6	50·5	+0·2
Birmingham §	1·1	- 0·5	12	0	41	47·7	+1·4	50·3	- 0·1
Oundle ...	2·2	—	23	0	37	50·0	—	52·7	—
Oxford §	0·9	- 1·6	10	0	34	—	—	—	—
Cheadle ...	—	—	—	0	37	—	—	—	—
Tenbury ...	—	—	—	0	35	48·5	—	—	—
Malvern ...	0·6	—	6	0	37	48·4	—	51·2	—
Ross on Wye§	1·3	—	13	0	37	49·2	—	52·1	—
Clifton §	0·6	- 1·8	6	0	42	—	—	—	—
Westminster	0·9	- 0·7	9	0	37	—	—	—	—
Greenwich ...	1·4	- 1·0	14	1	28	—	—	—	—
Hampstead ...	0·8	—	9	0	33	—	—	—	—
Camden Square	—	—	—	0	38	50·0	—	52·6	—
Richmond § (Kew Obs.)	1·2	- 1·1	12	0	35	50·0	+2·5	53·1	+0·9
Wisley §	1·3	- 1·2	14	1	30	50·9	+3·0	52·9	+0·9
Tunbridge W'ls§	1·0	- 1·9	11	1	29	52·3	—	54·6	—
Margate §	2·5	- 0·1	26	0	43	52·0	+2·8	54·8	+1·6
Folkestone §	1·6	—	16	0	42	—	—	55·8	—
St. Leonards §	1·1	- 2·0	12	0	41	52·9	—	55·2	—
Worthing §	1·1	- 2·1	11	0	43	52·3	+2·7	55·0	+1·0
Ventnor §	0·8	- 2·4	8	—	—	—	—	—	—
Southampton§	1·1	- 1·8	11	0	40	—	—	—	—
Marlborough§	1·0	- 1·3	11	0	37	49·9	—	52·4	—
Porton ...	1·1	—	12	0	38	50·0	—	—	—
Aspatria §	0·4	- 2·1	4	1	30	48·0	+2·2	49·7	+0·2
Newton Rigg§	0·3	- 1·8	4	0	31	—	—	—	—
Stonyhurst §	0·3	- 1·7	3	0	39	—	—	—	—
Blackpool §	0·7	- 1·7	8	0	39	49·4	—	51·7	—
Southport §	0·7	- 1·6	7	0	37	47·9	+2·5	50·5	+0·5
Whitworth Pk.	0·8	- 0·4	9	—	—	—	—	—	—
Oldham Road	0·4	- 0·3	4	0	37	48·4	+1·7	51·9	- 0·5
Bidston ...	1·2	—	13	0	31	—	—	—	—
(Ches.)Hoylake§	1·5	- 0·9	16	—	—	—	—	—	—
Llandudno §	1·4	- 1·1	15	—	—	—	—	—	—
Holyhead ...	0·6	—	6	0	42	—	—	—	—
Aberystwyth§	0·2	- 2·4	3	—	—	—	—	—	—
St. Ann's Hd.§	0·4	- 2·1	4	—	—	—	—	—	—
Rhayader §	0·9	—	10	0	34	—	—	—	—
Cardiff ...	1·0	—	10	0	41	50·6	+2·6	53·1	+0·5
Bath ... §	0·5	- 2·0	5	—	—	52·0	—	54·7	—
Shaftesbury...	—	—	—	—	—	—	—	52·9	—
Weymouth ...	0·9	—	10	—	—	—	—	—	—
Arlington ...	—	—	—	0	40	—	—	—	—
Cullompton §	0·7	- 1·6	7	0	34	51·2	—	—	—
Plymouth §	0·7	- 2·0	7	0	37	52·8	+2·9	54·4	—
Newquay §	0·4	- 2·5	4	—	—	53·3	—	54·6	—
Falmouth §	1·2	- 1·7	13	0	39	54·3	—	55·4	—
Malin Head...	1·9	—	20	—	—	—	—	—	—
Mallaranny ...	1·4	—	14	—	—	—	—	—	—
MarkreeC'stle§	1·4	- 1·0	15	—	—	50·2	+1·7	52·1	- 0·1
Armagh §	0·8	- 1·7	8	1	28	48·8	+1·1	50·8	- 0·4
Trinity Coll.	—	—	—	0	33	50·0	+1·3	51·4	- 0·3
Phœnix Park §	0·8	- 2·0	9	0	33	—	—	—	—
Dublin City...	—	—	—	0	35	—	—	—	—
Birr Castle §	1·3	- 1·2	14	1	30	—	—	—	—
Seskin ...	2·1	—	22	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	1·9	- 0·7	20	0	39	—	—	—	—
Ballinacurra §	1·5	- 1·0	16	—	—	—	—	—	—
St. Mary's §	1·5	- 1·5	16	—	—	—	—	—	—
Grange §	0·4	- 2·6	4	0	42	54·2	+2·1	56·1	+0·3
St. Heliers §	0·7	- 2·5	7	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, November 1st, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	29	4	51	84	24	5	90	30	13	29	20	41	18	29	20	40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	25, 29	16	25	79	48	0	160	30	13	25	3	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	18	112	38	0	170	17	8	29	1	31	14	29	16	55
Edinburgh Edinburgh ...	485	39	31	—	0	29, 1	4	58	43	63	0	200	27	12	29	12	43	19	29	12	20
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	24	89	55	0	180	22	10	29	14	40	18	29	14	55
Dumfries Eskdalemuir ...	825	50	22	—	0	31, 1	2	54	70	42	0	230	26	12	1	2	43	19	1	2	0
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	1	2	49	69	48	0	260	27	12	1	6	42	19	1	5	50
York, E.R. Spurn Head ...	67	41	‡	—	0	30, 1	5	88	67	8	0	270	27	12	1	23	40	18	30	18	5
Lincoln Cranwell ...	280	43	31	—	0	1	1	94	(47)	(26)	0	250	26	12	1	25	57	17	1	23	5
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	29	2	43	102	21	0	190	25	11	29	23	35	16	29	21	25
Essex Shoeburyness...	103	90	‡	—	0	29, 30	3	94	60	11	0	230	29	13	30	11	51	23	30	14	5
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	45	113	10	0	210	21	9	30	10	52	23	30	13	25
Surrey Croydon ...	284	40	24	—	0	—	0	66	90	12	0	210	22	10	1	21	43	19	30	10	35
Kent Lympne ...	409	70	‡	—	0	30, 1	12	98	58	0	0	220	32	14	30	12	54	24	30	12	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	30, 1	4	81	71	3	9	240 / 260	26	12	30 / 1	10 / 22	55	25	30	13	50
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	30, 1	14	108	38	8	0	250	27	12	30	14	54	24	30	13	0
Wiltshire Larkhill ...	513	63	43	—	0	30, 1	3	67	(78)	(7)	13	240	27	12	30	12	54	24	30	12	20
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	30, 31, 1	21	64	59	24	0	260	33	15	30	19	47	21	30	15	55
Lancashire Southport ...	80	62	48	30	1	30, 31, 1	41	55	71	0	0	270	40	18	30	18	58	26	30	15	20
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	29, 30, 1	19	99	42	8	0	260	34	15	30	16	55	25	30	15	25
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	29 to 1	27	92	44	5	0	—	34	15	29	12	57	25	30	12	50
Cornwall Pendennis Castle§...	256	65	24			Instrument out of	action														
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	30	4	28, 30 to 1	31	51	69	13	0	250	43	19	30	20	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	28, 30, 1	23	98	46	1	0	—	34	15	1	24	50	22	30	9	10
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	28 to 30, 1	31	91	40	6	0	230	33	15	1	24	50	22	1	22	0
Cork Weaver Pt. ...	160	30	‡	—	0	30	6	92	51	5	14	—	29	13	30	12	49	22	30	3	20
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	31	1	27 to 1	59	77	30	1	0	250	39	17	31	4	52	23	30	4	55

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	13	12	5·2	8	8	3·4	20	7	3·0	23	7	3·1	20	11	4·8	22	12	5·5	22	12	5·3	26	11	5·1
North	7	4	1·9	2	5	2·4	2	9	3·9	3	2	0·7	4	7	3·3	2	4	2·0	2	6	2·9	0	—	—
West	6	3	1·5	11	13	5·8	19	7	3·3	22	6	2·7	19	13	5·9	21	19	8·3	17	15	6·6	20	10	4·6
East	15	8	3·5	2	4	1·7	3	12	5·4	4	6	2·7	6	10	4·3	4	7	3·3	5	7	3·1	6	8	3·7
Calm (or wind-speed < 4 m.p.h.)	7	—	—	14	—	—	5	—	—	2	—	—	2	—	—	0			3	—	—	2	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3			0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 6th November, 1924.

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FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

181

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 45.

FORTY-FIFTH WEEK.
SUNDAY, NOVEMBER 2ND, TO SATURDAY, NOVEMBER 8TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-FIFTH WEEK of 1924—November 2nd to November 8th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	53	30	47·3	39·8	43·6	+0·3	17	− 4	6	− 5	3	− 2	0·36	9	− 24	1·2	− 0·2	15	1018
Eastern.																			
1. SCOTLAND, EAST ...	57	23	47·2	37·0	42·1	− 0·7	15	− 5	14	− 1	3	− 2	0·24	6	− 14	1·6	− 0·4	18	1019
2. ENGLAND, N.E. ...	56	28	49·4	38·9	44·2	− 0·5	24	− 3	9	+ 1	3	− 1	0·17	4	− 10	3·1	+1·1	35	1020
3. ENGLAND, EAST ...	60	24	50·2	40·5	45·4	+0·1	28	− 3	4	− 5	2	− 2	0·09	2	− 11	2·2	− 0·3	24	1020
4. MIDLAND COUNTIES	59	24	49·2	37·2	43·2	− 1·3	22	− 7	13	+ 2	1	− 3	0·07	2	− 15	2·5	+0·5	27	1021
5. ENGLAND, S.E. ...	59	23	51·5	40·7	46·1	− 0·8	32	− 8	4	− 2	1	− 3	0·06	2	− 19	3·9	+1·5	42	1020
Western.																			
6. SCOTLAND, WEST[1] ...	55	25	49·3	36·4	42·8	− 1·9	21	− 6	16	+ 8	1	− 4	0·12	3	− 31	3·5	+2·0	40	1020
7. ENGLAND, N.W.[2] ...	55	23	49·8	39·5	44·7	− 1·0	26	− 6	7	+ 1	2	− 3	0·13	3	− 20	3·8	+2·1	43	1020
8. ENGLAND, S.W.[3] ...	58	23	50·2	40·5	45·3	− 1·9	27	− 15	4	− 1	1	− 4	0·27	7	− 21	4·2	+1·9	46	1019
9. IRELAND, NORTH ...	53	25	50·1	40·7	45·4	0·0	27	− 4	4	− 3	2	− 3	0·09	2	− 23	1·8	− 0·2	20	1020
10. IRELAND, SOUTH ...	57	25	50·9	40·3	45·6	− 1·1	30	− 9	5	− 2	2	− 3	0·10	3	− 24	2·5	+0·3	28	1021
11. CHANNEL ISLANDS[4]	61	41	53·1	48·2	50·6	− 0·3	60	− 3	0	0	1	− 4	0·03	1	− 27	3·4	+0·7	36	1019
MEAN: DISTRICTS 1-10	60	23	49·8	39·2	44·5	− 0·9	25	− 7	8	0	2	− 3	0·13	3	− 19	2·9	+0·9	32	1020

THE SEASON (Autumn).—Aggregates, &c., for the Period of 10 Weeks, August 31st to November 8th, 1924.

0. SCOTLAND, NORTH...	73	28	54·3	44·1	49·0	+0·9	504	+26	14	− 31	43	− 5	10·85	275	+ 9	3·2	+ 0·5	29	1006
Eastern.																			
1. SCOTLAND, EAST ...	70	22	54·8	42·4	48·4	+0·2	487	− 12	37	− 24	45	+ 5	8·10	206	+39	3·5	+ 0·3	32	1008
2. ENGLAND, N.E. ...	71	28	57·7	46·5	51·9	+1·5	702	+89	11	− 14	41	+ 5	6·10	154	+17	3·6	+ 0·1	32	1011
3. ENGLAND, EAST ...	72	24	59·4	48·6	53·8	+2·2	832	+131	4	− 24	39	+ 4	7·28	185	+52	3·3	− 0·6	30	1013
4. MIDLAND COUNTIES	72	24	58·0	45·9	51·7	+1·3	701	+70	19	− 24	40	+ 5	8·14	208	+63	3·0	− 0·4	27	1012
5. ENGLAND, S.E. ...	73	23	59·6	48·9	54·1	+1·4	852	+80	4	− 15	40	+ 5	8·55	218	+48	3·5	− 0·6	31	1013
Western.																			
6. SCOTLAND, WEST[1] ...	72	25	56·1	44·5	50·1	+0·4	588	+14	23	− 10	41	+ 1	10·03	256	+ 2	3·2	0·0	29	1009
7. ENGLAND, N.W.[2] ...	72	23	57·1	47·1	52·0	+1·0	705	+58	7	− 13	45	+ 5	8·66	219	+21	3·4	+ 0·1	30	1010
8. ENGLAND, S.W.[3] ...	71	23	58·1	48·6	53·2	+0·9	789	+50	4	− 11	43	+ 2	12·52	317	+93	3·2	− 0·6	29	1011
9. IRELAND, NORTH ...	69	25	56·2	46·0	51·0	+0·7	631	+25	4	− 20	47	+ 3	9·45	239	+38	3·0	− 0·2	27	1008
10. IRELAND, SOUTH ...	73	25	57·5	47·1	52·1	+0·5	713	+19	5	− 17	48	+ 7	10·73	273	+67	3·0	− 0·6	27	1010
11. CHANNEL ISLANDS[4]	72	41	59·8	52·5	56·0	+0·4	980	+25	0	0	40	− 2	9·38	240	+37	4·0	− 0·6	35	1013
MEAN: DISTRICTS 1-10	73	22	57·5	46·6	51·8	+1·0	700	+52	12	− 17	43	+ 4	8·96	227	+44	3·3	− 0·3	29	1011

THE YEAR. Aggregates, &c., for the Period of 45 Weeks, December 30th, 1923, to November 8th, 1924.

0. SCOTLAND, NORTH...	81	12	52·0	41·7	46·6	+0·1	1916	− 70	462	− 99	203	− 6	40·24	1022	− 36	3·4	0·0	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·4	40·2	46·1	− 0·8	1929	−266	645	0	199	+21	28·71	730	+ 62	3·5	− 0·5	29	1009
2. ENGLAND, N.E. ...	87	16	54·8	42·5	48·4	− 0·2	2541	− 11	527	+52	161	+ 1	23·25	589	+ 50	4·1	− 0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·6	44·0	50·0	+0·2	3014	+83	480	− 15	158	+ 3	24·56	622	+110	4·6	− 0·2	36	1013
4. MIDLAND COUNTIES	87	15	56·1	42·3	48·9	− 0·3	2707	−108	535	− 2	167	+13	28·82	734	+160	3·8	− 0·4	29	1012
5. ENGLAND, S.E. ...	86	17	56·8	44·4	50·4	− 0·4	3049	− 94	402	+26	159	+ 8	28·66	730	+151	4·9	− 0·1	38	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·7	42·0	47·6	− 0·8	2244	−197	476	+53	193	+ 8	37·66	956	− 28	3·6	− 0·5	27	1010
7. ENGLAND, N.W.[2] ...	85	21	54·5	44·0	49·3	0·0	2589	− 89	373	− 7	188	+18	31·69	803	+ 55	3·9	− 0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·6	44 8	50·0	− 0·5	2830	−147	313	+14	174	+ 4	39·67	1005	+195	4·2	− 0·5	33	1013
9. IRELAND, NORTH ...	73	18	54·4	43·7	48·9	− 0·1	2451	− 90	291	− 46	218	+15	35·35	896	+ 84	3·4	− 0·5	27	1010
10. IRELAND, SOUTH ...	75	21	56·0	44·9	50·2	− 0·3	2827	−109	231	− 33	207	+26	37·21	945	+102	3·6	− 0·7	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·8	48·4	52·5	− 0·4	3383	−150	88	− 12	174	− 1	29·93	763	+ 89	5·2	− 0·5	40	1014
MEAN: DISTRICTS 1-10	87	2	55·1	43·3	49·0	− 0·3	2618	−103	427	+ 4	182	+12	31·56	801	+ 94	4·0	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

	Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
DISTRICTS OF THE BRITISH ISLES.	0. Scotland. N.	1. Scotland. E.	2. England. N.E.	3. England. E.	4. Midland Counties.	5. England. S.E.	6. Scotland. W. (*and I. of Man*).	7. England N.W. (*and N. Wales*).	8. England. S.W. (*and S. Wales*).	9. Ireland. N.	10. Ireland. S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year .. Warmth ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Deficient	Moderate	Deficient	Moderate	Moderate	Moderate
Rainfall ..	Light	Light	Light	Light	Very Light	Very Light	Very Light	Very Light	Light	Very Light	Very Light	Very Light
Sunshine ...	Moderate	Moderate	Abundant	Moderate	Moderate	Abundant	Very Abundant	Very Abundant	Very Abundant	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 10 weeks from August 31st, 1924	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
Warmth ..	3, 6, 1	2, 7, 1	6, 4, 0	7, 3, 0	5, 5, 0	4, 6 0	3, 5, 2	3, 7, 0	3, 6, 1	4, 5, 1	4, 4, 2	2, 8, 0
Rainfall ..	4, 1, 5	4, 2, 4	5, 2, 3	5, 3, 2	6, 1, 3	4, 3, 3	3, 4, 3	4, 2, 4	5 2 3	3, 4, 3	5 3 2	4, 3, 3
Sunshine ..	4, 5, 1	5, 3, 2	3, 4, 3	0, 8, 2	1, 6, 3	1, 5, 4	4, 3, 3	4, 3, 3	3, 2, 5	2, 5, 3	0 6 4	1, 5, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Over the British Islands for the week as a whole the pressure conditions were of an anticylonic type. The weather was fair to cloudy, with bright intervals, and there was mist or fog in different parts of the country. Rainfall measurements of 33mm. at Falmouth and 25mm. at Shaftesbury were recorded on the 2nd, but in several other parts of our Islands precipitation was only moderate or slight and at a number of places, especially in the eastern and south-eastern parts of England the week was rainless. The total amounts for the week in all Districts were considerably less than the normal. Maximum temperatures round about 60°F. were recorded in some parts of England, notably on the first day of the period, but at a number of stations in Scotland the highest temperatures occurred about the middle of the week and did not rise above 50°F. The lowest of the screen minima were registered either on the 4th or 5th in most parts of our Islands and in many places minimum temperatures below 32°F. were recorded, while at a few stations readings as low as 23°F. were obtained. Ground frosts occurred in practically all parts of the country and at some stations the readings of the grass minimum thermometer were decidedly low. At Rhayader (Radnor) a grass temperature of 11°F. was registered on the 5th and at West Linton (Peebles) a reading of 10°F. was recorded on the 6th. The mean temperature for the week was slightly in excess of the normal in a few places but in general it was below normal. Good sunshine records were obtained in various parts of the country, notably on the 4th when a number of stations registered sunshine values exceeding 8 hrs. Among the largest amounts were:—8·7 hrs. at Malvern, and 8·3 hrs. at Felixstowe, Ross-on-Wye and Weymouth. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·9 hrs. at Aspatria to –1·5 hrs. at Aberdeen. Solar halos were observed at Dublin on the 3rd and at Oxford on the 2nd and 3rd. A lunar halo was seen at Oxford on the 2nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	t	50	6, 7	34	4th	47·4	41·3	44·3	+0·4	3	0·33	8
Orkneys	Deerness ...	160	p	50	5, 6	35	3, 4	48·0	39·3	43·7	- 0·5	4	0·61	15
Hebrides	Stornoway ¶	51	t	50	5, 6	32	4th	47·5	41·7	44·7	+0·6	3	0·63	16
	Castlebay ...	37	t	51	4, 5, 6	39	3rd	49·3	44·9	47·3	—	4	0·13	3
Caithness	Wick ... ¶	81	t	50	5th	33	3rd	47·3	41·1	44·2	+0·8	4	0·24	6
Ross and Cromarty	Strathpeffer ¶	125	a	50	5, 6	30	8th	46·7	38·0	42·3	- 0·6	2	0·15	4
	Achnashellach ¶	225	h	50	5th	30	4th	46·4	38·0	42·2	—	3	0·67	17
Inverness	Inverness ...	242	h	50	5th	32	8th	46·1	38·3	42·2	—	3	0·15	4
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	53	5th	30	4th	48·4	38·9	43·7	—	1	0·15	4
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	49	5, 6	30	8th	45·4	38·1	41·7	- 1·1	3	0·30	8
Elgin	Gordon Castle ¶	101	p	50	5, 8	30	8th	47·6	38·1	42·9	- 0·9	3	0·27	7
Aberdeen	Aberdeen ... ¶	46	t	50	5, 6	33	4th	47·4	40·6	44·0	—	5	0·34	9
	Balmoral ... ¶	930	a	48	5th	28	3, 6	43·4	32·7	38·1	- 2·0	3	0·12	3
Perth	Crieff ... ¶	478	p	52	5th	29	4th	47·9	36·4	42·1	- 1·0	3	0·05	1
Forfar	Dundee ...	147	a	52	5th	32	4th	48·9	36·3	42·6	—	1	0·04	1
Fife	Inchkeith ... ¶	190	t	52	5th	36	4th	47·9	42·3	45·1	—	1	0·24	6
Midlothian	Edinburgh ...	441	p	53	2nd	32	4th	47·9	38·6	43·3	- 0·6	1	0·28	7
Peebles	West Linton ¶	770	a	57	5th	23	4, 6	49·7	32·9	41·3	+1·5	3	0·46	12
Berwick	Marchmont ¶	498	a	54	2nd	28	6th	48·6	34·6	41·6	- 1.0	3	0·15	4
6a. SCOTLAND, W.														
Argyle	Ford ... ¶	149	a	52	5th	26	4th	49·0	34·0	41·5	—	1	0·04	1
Renfrew	Renfrew ... ¶	36	t	54	5th	25	4th	46·9	35·4	41·1	—	1	0·28	7
Bute	Rothesay ... ¶	200	p	53	5th	34	4th	48·7	39·3	44·0	- 1·0	1	0·11	3
Ayr	Kilmarnock ¶	90	a	54	5th	27	4th	49·7	34·9	42·3	- 0·9	2	0·09	2
	Colmonell... ¶	170	a	55	5, 6	27	4th	51·6	33·9	42·7	- 2·1	1	0·02	1
Dumfries	Dumfries ... ¶	140	p	53	5th	28	4th	49·0	36·4	42·7	- 1·2	1	0·23	6
	Eskdalemuir ...	794	t	52	5th	25	4th	46·3	34·9	40·6	—	2	0·38	10

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	1·9	—	23	—	—	—	—	—	—
Deerness §	0·9	- 0·5	11	—	—	—	—	—	—
Stornoway §	1·4	- 0·3	17	—	—	—	—	—	—
Castlebay ...	1·5	—	18	—	—	—	—	—	—
Achnashellach	—	—	—	3	20	—	—	—	—
Inverness §	1·3	—	16	3	24	—	—	—	—
Onich ...	2·1	—	25	3	20	—	—	—	—
Nairn §	1·2	—	15	—	—	—	—	—	—
Gordon Castle	1·0	—	12	—	—	—	—	—	—
Aberdeen §	0·7	- 1·5	8	3	28	—	—	47·9	+0·6
Balmoral ...	—	—	—	3	25	—	—	—	—
(Kinc.)Crathes §	0·8	- 1·3	10	4	24	42·9	—	46·4	—
Dundee §	1·9	—	22	4	26	44·7	—	—	—
Inchkeith ...	2·3	—	27	1	30	—	—	—	—
Edinburgh §	2·6	+0·3	30	2	29	—	—	—	—
West Linton...	-	—	—	3	10	—	—	—	—
Marchmont §	2·1	+0·2	25	—	—	—	—	—	—
Ford ...	-	—	—	4	22	46·4	—	49·7	—
Renfrew ...	2·4	—	27	4	17	—	—	—	—
Rothesay §	2·9	+1·8	33	2	26	44·6	—	48·9	+0·7
Kilmarnock ...	2·6	—	30	—	—	44·6	—	49·5	—
Colmonell ...	-	—	—	4	23	—	—	—	—
Dumfries ...	3·7	—	42	4	19	45·7	+1·6	49·6	+1·1
Eskdalemuir §	3·5	+2·1	41	3	19	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	53	5th	33	4th	50·3	40·9	45·6	− 0·7	3	0·05	1	− 30	Douglas §	4·2	+2·1	47	1	27	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	54	2nd	30	4th	48·6	39·4	44·0	+1·2	3	0·35	9	− 8	Cockle Park §	3·2	+1·0	36	3	27	43·3	+1·2	47·4	+1·0
	Tynemouth ¶	118	t	54	2nd	32	4th	49·1	40·7	44·9	+0·1	2	0·14	4	− 9	Tynemouth ...	—	—	—	1	28	—	—	—	—
Durham	Durham ... ¶	336	p	54	5th	30	4th	48·4	37·4	42·9	− 0·7	3	0·23	6	− 8	Durham §	2·9	+1·0	33	3	21	—	—	—	—
York,	Rounton ... ¶	249	p	54	2nd	28	4th	48·7	35·7	42·2	− 1·3	3	0·08	2	− 12	Rounton ...	—	—	—	5	18	45·4	—	—	—
N. Riding	West Witton ...	605	a	53	5th	31	4, 6	48·4	36·9	42·7	—	3	0·24	6	—	West Witton	—	—	—	4	25	43·6	—	47·8	—
	Scarborough ¶	118	h	55	2nd	35	4th	50·7	42·3	46·5	+0·8	4	0·34	9	− 7	Scarborough †§	2·9	+1·0	33	1	30	—	—	50·1	—
	York ... ¶	56	p	55	2nd	31	4th	50·3	36·9	43·6	− 1·0	4	0·16	4	− 9	York §	3·6	+2·0	40	—	—	47·4	+0·8	50·8	+0·6
E. Riding	Spurn Head ¶	26	t	55	2nd	35	4th	49·7	42·6	46·1	0·0	3	0·16	4	− 8	Spurn Head...	3·5	—	39	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	56	2nd	30	4, 6	49·9	37·4	43·7	− 0·7	1	0·03	1	− 11	Lincoln ...	—	—	—	3	26	46·2	+1·5	50·9	+0·7
	Cranwell ... ¶	236	t	56	2nd	30	4th	49·4	38·0	43·7	− 0·7	1	0·01	0·3	− 12	Cranwell §	3·2	+1·1	35	4	20	—	—	—	—
																Skegness §	2·9	+0·5	31	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	55	2nd	34	5th	50·0	42·5	46·3	+0·2	5	0·41	11	− 1	Cromer §	1·2	− 1·3	13	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	56	2nd	32	5th	50·7	42·7	46·7	+0·8	3	0·07	2	− 12	Yarmouth §	1·8	—	20	1	29	48·3	+1·9	51·9	+0·6
	Norwich ... ¶	93	a	56	2nd	28	5th	49·6	39·0	44·3	− 0·6	3	0·13	3	− 12	Norwich ...	1·7	—	19	4	23	45·2	—	—	—
	Geldeston ... ¶	37	a	57	2nd	29	5th	51·2	40·9	46·1	+0·4	2	0·07	2	− 12	Geldeston §	1·7	− 0·8	19	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	59	2nd	24	5th	50·4	38·7	44·5	− 0·4	0	0·00	0	− 11	Cambridge §	1·8	− 0·7	19	2	19	48·4	+2·3	53·0	+1·7
Hertford	Rothamsted ¶	420	a	54	2nd	25	5th	48·0	38·9	43·5	− 0·9	0	0·00	0	− 15	Rothamsted §	2·6	+0·1	29	2	22	45·7	—	—	—
Middlesex	Tottenham ¶	51	p	60	2nd	29	5th	50·0	40·1	45·1	—	0	0·00	0	—	Tottenham §	2·8	—	30	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	57	2nd	32	4th	51·6	41·6	46·6	+0·6	0	0·00	0	− 11	Clacton-on-Sea§	3·8	+1·0	41	2	29	48·6	+0·5	53·3	+1·0
	Southend	90	h	58	2nd	33	4th	52·1	42·4	47·3	—	0	0·00	0	—	Southend ...	3·7	—	40	1	30	49·5	—	—	—
4. MIDLAND COUNTIES.																									
York,	Harrogate ¶	479	t	52	2nd	31	4th	48·0	37·7	42·9	− 0·7	3	0·48	12	− 7	Harrogate §	3·7	+1·7	41	4	27	46·1	+1·1	48·5	+1·0
W. Riding	Sheffield	429	p	56	2nd	33	4th	49·1	40·3	44·7	—	3	0·25	6	− 12	Sheffield §	1·9	+0·1	21	2	25	45·7	+0·5	49·4	− 0·1
Derby	Buxton	987	p	53	2nd	29	4, 6	46·3	36·6	41·5	− 0·6	2	0·21	5	− 24	Buxton ...	1·3	—	14	2	30	43·0	+0·4	48·6	+0·3
Nottingham	Worksop(Hods'ck)¶	56	a	58	2nd	28	6th	51·6	35·9	43·7	− 0·9	3	0·07	2	− 12	Worksop §	2·1	+0·4	24	4	19	45·0	—	49·5	—
	Nottingham ¶	192	a	55	2nd	29	5, 6	49·4	36·9	43·1	− 1·1	1	0·02	1	− 11	Nottingham §	1·3	− 0·3	14	3	26	45·1	+1·3	49·8	+1·0
Warwick	Birmingham (Edg)¶	525	t	53	2nd	31	4th	48·1	39·4	43·7	− 1·1	0	0·00	0	− 16	Birmingham §	1·2	− 0·3	13	3	21	45·5	+0·4	49·9	+0·2
Northampton	Oundle ... ¶	147	a	55	2nd	26	5th	48·7	35·9	42·8	—	1	0·02	0·4	—	Oundle ...	2·0	—	22	3	19	47·0	—	51·9	—
Oxford	Oxford ... ¶	208	p	59	2nd	27	5th	50·3	38·9	44·6	− 0·8	1	0·02	1	− 15	Oxford §	2·8	+0·6	30	4	20	—	—	—	—
Stafford	Cheadle ... ¶	646	a	53	2nd	27	4th	48·1	36·6	42·3	− 1·3	3	0·07	2	− 18	Cheadle ...	—	—	—	2	27	—	—	—	—
Worcester	Tenbury ... ¶	313	p	55	2nd	24	4th	50·3	35·3	42·8	− 1·9	0	0·00	0	− 15	Tenbury ...	—	—	—	4	17	45·8	—	—	—
	Malvern	377	h	54	2nd	32	5th	48·3	40·0	44·1	—	0	0·00	0	—	Malvern ...	3·6	—	39	2	25	45·7	—	50·4	—
Hereford	Hereford ... ¶	291	a	55	2nd	25	5th	48·6	35·4	42·0	− 2·9	0	0·00	0	− 17	Ross on Wye§	3·4	—	37	4	18	45·9	—	51·3	—
Gloucester	Clifton ... ¶	225	a	55	2nd	29	5th	48·6	38·9	43·7	− 2·8	0	0·00	0	− 21	Clifton §	3·3	+1·3	36	1	30	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	57	2nd	30	5th	52·0	40·1	46·1	− 0·5	0	0·00	0	− 14	Westminster	1·5	+0·3	16	2	26	—	—	—	—
	Greenwich ‡ ...	149	a	58	2nd	26	5th	51·3	38·9	45·1	− 0·4	0	0·00	0	− 16	Greenwich ...	2·0	+0·1	22	3	18	—	—	—	—
	Hampstead ...	450	p	58	2nd	32	4th	50·0	40·0	45·5	—	0	0·00	0	—	Hampstead ...	3·7	—	40	3	22	—	—	—	—
	Camden Square ...	110	a	56	2nd	29	5th	51·1	39·0	45·1	− 0·8	0	0·00	0	− 16	Camden Square	—	—	—	1	29	48·0	—	52·0	—
Surrey	Richmond (KewO)¶	18	t	57	2nd	29	5th	51·0	41·7	46·3	+0·8	0	0·00	0	− 15	Richmond § (Kew Obs.)	3·4	+1·5	37	3	17	47·7	+2·1	52·5	+1·4
	Wisley ... ¶	150	a	57	2nd	25	5th	50·9	37·9	44·4	− 0·5	0	0·00	0	− 16	Wisley §	3·6	+1·4	39	4	15	47·8	+1·6	52·2	+1·4
Kent	Tunbridge Wells ¶	354	h	57	2nd	29	5th	52·9	39·9	46·4	+1·0	0	0·00	0	− 21	Tunbridge W'ls§	4·3	+1·7	46	3	19	49·9	—	53·9	—
	Margate ... ¶	51	h	59	2nd	42	4th	52·0	47·6	49·8	+2·7	0	0·00	0	− 17	Margate §	3·3	+1·1	36	0	40	50·7	+3·0	54·1	+2·2
	Dungeness ¶	21	t	58	2nd	31	4th	52·1	43·4	47·7	+0·5	1	0·02	1	− 18	Folkestone §	3·4	—	37	1	30	—	—	54·6	—
Sussex	St. Leonards ¶	178	h	58	2nd	34	4th	51·9	42·7	47·3	0·0	1	0·01	0·3	− 22	St. Leonards §	3·5	+0·8	38	2	30	50·3	—	54·5	—
	Worthing	36	h	57	2nd	34	4th	51·6	42·5	47·1	—	0	0·00	0	—	Worthing §	4·9	+2·1	53	1	30	49·9	+2·2	54·2	+1·4
I. of Wight	Ventnor ... ¶	59	a	58	2nd	35	5th	52·7	43·4	48·1	− 1·0	0	0·00	0	− 23	Ventnor §	4·5	+1·7	48	—	—	—	—	—	—
Hampshire	Southampton ¶	64	p	59	2nd	33	4, 5	52·3	39·7	46·0	− 0·9	0	0·00	0	− 22	Southampton§	4·9	+2·4	52	2	25	—	—	—	—
Wiltshire	Marlborough ¶	424	a	54	2nd	23	5th	49·0	35·1	42·1	− 1·6	1	0·02	0·4	− 21	Marlborough§	3·3	+1·3	36	3	20	46·5	—	51·9	—
	Porton ¶	363	a	55	2nd	23	5th	50·1	35·3	42·7	—	1	0·55	14	—	Porton ...	4·4	—	48	4	18	46·9	—	—	—
7a. ENGLAND, N.W.																									
Cumberland	Aspatria(Mealsg'e)¶	487	p	51	2, 5	29	4th	48·6	35·7	42·7	− 1·4	3	0·12	3	− 22	Aspatria §	4·9	+2·9	55	1	26	46·4	+1·6	49·3	+0·6
	Newton Rigg ¶	559	p	54	5th	23	4th	50·4	32·7	41·5	− 1·1	3	0·35	9	− 12	Newton Rigg§	3·7	+2·0	42	5	—	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	53	2nd	31	4th	49·3	37·9	43·6	− 0·7	2	0·07	2	− 25	Stonyhurst §	3·6	+2·0	41	2	25	—	—	—	—
	Blackpool ¶	66	h	54	2nd	28	4th	50·1	38·7	44·4	− 1·1	1	0·02	1	− 20	Blackpool §	4·0	+2·1	45	3	17	47·9	—	51·1	—
	Southport ¶	37	h	55	2nd	30	4th	49·4	40·5	44·9	− 0·6	2	0·07	2	− 17	Southport §	3·1	+1·3	35	3	18	44·7	+0·7	50·0	+1·3
Manchester	Whitworth Pk. ¶	125	p	55	2nd	29	4th	49·3	38·0	43·7	− 1·8	2	0·12	3	− 14	Whitworth Pk.	0·4	− 0·4	5	—	—	—	—	—	—
																Oldham Road	0·7	− 0·1	7	3	22	46·1	+1·1	50·8	− 0·3
Cheshire	Liverp'l (Bidston) ¶	189	a	55	2nd	35	4th	48·7	42·1	45·4	− 0·7	3	0·15	4	− 12	Bidston ...	2·4	—	27	2	28	—	—	—	—
																(Ches.)Hoylake§	2·6	+0·7	29	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge¶	22	a	55	2nd	33	4th	50·1	39·0	44·5	− 2·0	2	0·25	6	− 8										
Carnarvon	Llandudno ¶	22	h	55	2nd	38	6th	50·9	43·9	47·4	− 0·3	1	0·08	2	− 17	Llandudno §	3·5	+1·4	39	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	55	2nd	39	8th	51·4	45·9	48·7	+0·3	1	0·04	1	− 23	Holyhead ...	5·0	—	56	0	33	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	59	h	56	2nd	31	4th	52·0	40·4	46·2	—	1	0·03	1	—	Aberystwyth§	4·9	+2·6	54	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	56	6th	38	4, 5	51·7	43·3	47·5	− 1·4	2	0·13	3	− 23	St. Ann's H.L§	4·8	+2·5	52	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	52	2nd	23	4, 5	48·0	35·4	41·7	—	1	0·15	4	—	Rhayader §	3·2	—	35	4	11	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	56	2nd	30	5th	49·6	39·9	44·7	− 0·8	1	0·04	1	− 27	Cardiff ...	4·2	—	46	2	26	48·2	+1·9	52·6	+1·2
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	56	2nd	24	5th	49·4	39·1	44·3	− 1·4	1	0·01	0·3	− 19	Bath ... §	3·3	+1·1	36	—	—	49·5	—	54·0	—
Dorset	Shaftesbury ¶	722	a	54	2nd	32	4th	48·7	38·9	43·8	− 1·3	1	0·98	25	+ 3	Shaftesbury...	—	—	—	—	—	—	—	52·1	—
	Portland Bill ¶	19	t	57	2nd	37	4, 5	52·4	45·1	48·7	− 0·8	0	0·00	0	− 19	Weymouth ...	4·2	—	45	—	—	—	—	—	—
Devon	Arlington ¶	613	a	53	2nd	30	5th	47·3	38·5	42·9	− 2·9	1	0·02	1	− 38	Arlington ...	—	—	—	2	26	—	—	—	—
	Cullompton ¶	202	a	55	2nd	26	5th	50·4	37·6	44·0	− 1·9	1	0·02	1	− 23	Cullompton §	3·9	+1·9	42	4	20	48·7	—	—	—
	Plymouth ¶	116	p	58	2nd	36	5th	52·1	43·9	48·0	− 0·4	0	0·00	0	− 24	Plymouth §	4·8	+2·3	52	2	27	49·5	+1·2	54·2	—
Cornwall	Newquay ...	190	h	55	2nd	35	5th	51·1	42·9	47·0	− 2·4	0	0·00	0·1	− 24	Newquay §	4·7	+2·1	51	—	—	51·5	—	54·3	—
	Falmouth ¶	167	h	56	2nd	36	5th	52·1	42·7	47·4	− 1·7	2	1·31	33	+ 1	Falmouth §	3·9	+1·3	42	1	28	51·0	—	53·4	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	52	5, 6	40	4, 7	49·3	43·9	46·6	+0·1	3	0·14	3	− 18	Malin Head...	1·4	—	16	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	52	2, 3	37	4th	50·7	44·3	47·5	+0·2	1	0·04	1	− 32										
	Mallaranny ...	120	a	52	3rd	34	4th	50·6	41·9	46·3	—	1	0·05	1	—	Mallaranny ...	2·0	—	23	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	52	2nd	25	4th	50·3	37·7	44·0	− 0·5	3	0·17	4	− 23	MarkreeC'stle§	1·5	− 0·5	17	—	—	48·0	+1·1	51·6	+0·5
Armagh	Armagh ... ¶	204	p	52	2, 5	30	4th	50·0	37·9	43·9	− 0·6	1	0·02	1	− 17	Armagh §	2·1	0·0	24	3	19	47·0	+0·8	50·3	+0·2
Down	Donaghadee ¶	85	t	53	2, 5	32	4th	50·6	43·3	46·9	+0·8	1	0·08	2	− 17										
10. IRELAND, S.																Trinity Coll.	—	—	—	1	25	47·7	+0·4	50·7	+0·2
Dublin	Dublin City ¶	54	p	54	2nd	32	4th	49·7	41·7	45·7	− 1·2	1	0·01	0·3	− 18	Phœnix Park §	2·3	− 0·1	26	2	23	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	53	2nd	25	4th	49·7	37·4	43·5	− 1·0	2	0·11	3	− 18	Dublin City ...	—	—	—	1	27	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	55	2nd	28	4th	50·1	36·7	43·4	− 1·7	3	0·08	2	− 19	Birr Castle §	2·4	+0·3	26	5	18	—	—	—	—
Waterford	Waterford ¶	137	a	56	2nd	32	4th	51·3	40·0	45·7	− 0·6	0	0·00	0	− 23										
	Seskin, Carrick-on-Suir	542	p	56	5th	32	4th	50·0	38·6	44·3	—	2	0·04	1	—	Seskin ...	3·9	—	43	—	—	—	—	—	—
Limerick	Foynes ... ¶	50	a	—	—	—	—	—	—	—	—	—	—	—	—										
Kerry	Cahirciveen ¶	30	t	54	2nd	32	4th	51·3	42·0	45·7	− 2·1	2	0·16	4	− 34	Cahirciveen (Valencia O.)§	2·3	+0·1	25	1	29	—	—	—	—
	Killarney ¶	174	a	57	3rd	30	4th	52·9	40·9	46·9	− 0·3	2	0·23	7	− 31										
Cork	Roche's Point ¶	32	t	56	2nd	35	4th	51·6	43·4	47·5	− 0·9	1	0·05	1	− 28	Ballinacurra §	3·1	+1·0	33	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	56	2nd	41	5th	53·0	47·3	50·1	− 0·1	1	0·01	0·2	− 24	St. Mary's §	2·7	+0·1	29	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	59	2nd	46	4th	53·9	48·9	51·4	+1·0	2	0·04	1	− 29	Grange §	3·8	+1·3	41	0	41	52·3	+1·7	55·8	+1·2
Jersey	St. Heliers ¶	28	h	61	2nd	43	8th	52·3	48·4	50·3	− 0·1	1	0·04	1	− 29	St. Heliers §	3·6	+0·9	38	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, November 8th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	3	2	2 to 4, 7	25	88	38	15	0	20	39	17	3	3	56	25	3	3	20
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	2, 3	13	70	73	12	0	360	29	13	2	15	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	28	118	22	0	300 / 320	17	8	3	2 / 12	35	16	3	12	30
Edinburgh Edinburgh ...	485	39	31	—	0	2	4	56	83	25	0	230	25	11	2	6	44	20	2	5	45
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	9	88	54	17	250	14	6	4	21	31	14	4	22	10
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	25	92	51	0	210	24	11	2	10	34	15	5	8	25
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	67	89	12	0	260	23	10	2	1	38	17	2	1	5
York, E.R. Spurn Head ...	67	41	‡	—	0	2 to 4	17	96	55	0	0	240	30	13	2	11	48	21	2	14	15
Lincoln Cranwell ...	280	43	31	—	0	2	8	39	(105)	(16)	0	220	29	13	2	13	43	19	2	11	15
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	84	78	6	0	100	21	9	8	20	37	17	2	12	55
Essex Shoeburyness...	103	90	‡	—	0	7, 8	2	90	66	10	0	70	25	11	7	23	43	19	2	20	25
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	67	56	45	0	90	22	10	8	20	42	19	2	15	25
Surrey Croydon ...	284	40	24	—	0	—	0	47	68	53	0	220	22	10	2	11	40	18	2	10	50
Kent Lympne ...	409	70	‡	—	0	2	10	121	37	0	0	250	34	15	2	11	49	22	2	11	10
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	2	5	73	75	0	15	250	26	12	2	14	41	18	2	14	10
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	2	14	79	47	11	17	230	31	14	2	12	48	21	2	17	45
Wiltshire Larkhill ...	513	63	43	—	0	2	4	56	(103)	(5)	0	250	27	12	2	15	39	17	2	14	5
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	2	14	53	54	47	0	270	33	15	2	16	50	22	2	11	20
Lancashire Southport ...	80	62	48	2	10	2	11	52	83	12	0	240	43	19	2	14	61	27	2	11	30
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	2, 3	25	89	46	8	0	240	38	17	2	11	54	24	2	11	5
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	2	6	97	59	6	0	—	26	12	2	12	40	18	2	13	25
Cornwall Pendennis Castle§...	256	65	24			Instrument out of	action														
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	2	4	2, 8	18	97	49	0	0	240	48	22	2	12	—	—	—	—	—
Clare Quilty	100	40	‡	2	1	2, 8	13	19	39	96	0	—	38	17	2	5	60	27	2	2	30
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	2, 8	17	36	70	45	0	230	38	17	2	4	58	26	2	3	40
Cork Weaver Pt. ...	160	30	‡	—	0	2, 8	18	43	99	8	0	—	32	14	8	21	53	24	2	7	25
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	2, 7, 8	23	117	11	0	17	270	30	13	2	13	42	19	2	12	40

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	2	4	1·6	10	6	2·8	8	5	2·4	5	9	3·8	4	12	5·3	4	11	4·7	11	12	5·3	7	10	4·3
North	24	9	4·2	7	9	4·0	16	8	3·5	16	7	3·3	21	9	4·2	19	6	2·9	8	7	3·1	11	6	2·5
West	24	9	4·1	15	13	5·8	14	9	3·9	7	9	3·9	12	15	6·9	5	17	7·6	19	14	6.2	4	18	8·0
East	0	—	—	7	5	2·4	11	10	4·4	13	9	4·2	15	9	4·1	20	17	7·4	9	13	5·9	15	10	4·5
Calm (or wind-speed < 4 m.p.h.)	2	—	—	5	—	—	2	—	—	6	—	—	1	—	—	0	—	—	0	—	—	9	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 13th November, 1924.

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 46.

FORTY-SIXTH WEEK.
SUNDAY, NOVEMBER 9TH, TO SATURDAY, NOVEMBER 15TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-SIXTH WEEK of 1924—November 9th to November 15th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall	Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	58	27	49·0	38·9	44·0	+2·5	23	+ 8	9	− 9	3	− 2	0·29	7	− 23	2·3	+1·1	29	1019
Eastern.																			
1. SCOTLAND, EAST ...	51	22	46·6	36·8	41·7	+1·3	13	− 1	15	− 9	3	− 1	0·20	5	− 13	1·7	0·0	21	1021
2. ENGLAND, N.E. ...	52	31	47·6	41·5	44·6	+2·0	20	+ 1	1	− 14	3	− 1	0·31	8	− 6	0·9	− 0·9	11	1022
3. ENGLAND, EAST ...	60	34	49·9	42·5	46·2	+3·1	29	+ 7	0	− 15	3	− 1	0·82	21	+ 6	2·1	− 0·1	24	1021
4. MIDLAND COUNTIES	56	31	48·1	41·4	44·7	+2·6	21	+ 2	2	− 16	2	− 2	0·51	13	− 1	0·6	− 1·3	7	1021
5. ENGLAND, S.E. ...	59	34	50·6	44·4	47·5	+3·0	39	+10	0	− 11	3	− 1	0·57	14	− 3	1·4	− 1·0	15	1020
Western																			
6. SCOTLAND, WEST[1] ...	55	23	49·2	38·3	43·7	+1·3	22	+ 2	10	− 5	2	− 2	0·28	7	− 20	2·2	+0·3	27	1021
7. ENGLAND, N.W.[2] ...	58	27	49·2	41·0	45·1	+1·8	25	+ 3	3	− 9	2	− 2	0·13	3	− 17	2·1	+0·3	25	1019
8. ENGLAND, S.W.[3] ...	58	30	50·9	43·6	47·2	+2·1	36	+ 5	0	− 9	4	0	0·61	15	− 7	1·8	− 0·6	29	1018
9. IRELAND, NORTH ...	56	25	50·7	42·2	46·5	+3·1	31	+ 9	0	− 12	4	− 1	0·41	10	− 12	2·4	+0·1	28	1016
10. IRELAND, SOUTH ...	57	24	52·1	42·0	47·1	+2·3	36	+ 6	0	− 10	5	+ 1	1·12	28	+ 5	2·8	+0·3	33	1016
11. CHANNEL ISLANDS[4]	59	40	53·2	47·3	50·2	+1·3	57	+ 7	0	− 1	3	− 2	0·49	12	− 10	2·6	− 0·1	29	1018
MEAN: DISTRICTS 1-10	60	22	49·5	41·4	45·4	+2·3	27	+ 4	3	− 11	3	− 1	0·50	12	− 7	1·8	− 0·3	21	1019

THE SEASON (Autumn).—Aggregates, &c., for the Period of 11 Weeks, August 31st to November 15th, 1924.

0. SCOTLAND, NORTH...	73	27	53·9	43·6	48·6	+1·1	527	+34	23	− 40	46	− 7	11·14	282	− 14	3·1	+ 0·5	29	1007
Eastern.																			
1. SCOTLAND, EAST ...	70	22	54·1	41·9	47·8	+0·3	500	− 13	52	− 33	48	+ 4	8·30	211	+26	3·3	+ 0·3	31	1009
2. ENGLAND, N.E. ...	71	28	56·8	46·0	51·2	+1·5	722	+90	12	− 28	44	+ 4	6·41	162	+11	3·4	0·0	31	1012
3. ENGLAND, EAST ...	72	24	58·5	48·0	53·1	+2·3	861	+138	4	− 39	42	+ 3	8·10	206	+58	3·2	− 0·6	29	1013
4. MIDLAND COUNTIES	72	24	57·1	45·5	51·1	+1·4	722	+72	21	− 41	42	+ 3	8·65	221	+62	2·8	− 0·5	25	1012
5. ENGLAND, S.E. ...	73	23	58·8	48·5	53·5	+1·5	801	+90	4	− 26	43	+ 4	9·12	232	+45	3·3	− 0·6	30	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	23	55·4	43·9	49·5	+0·5	610	+16	33	− 15	43	− 1	10·31	263	− 18	3·2	+ 0·1	29	1010
7. ENGLAND, N.W.[2] ...	72	23	56·3	46·6	51·3	+1·0	739	+61	10	− 22	47	+ 3	8·79	222	+ 4	3·3	+ 0·1	30	1011
8. ENGLAND, S.W.[3] ...	71	23	57·5	48·2	52·7	+1·0	825	+55	4	− 20	47	+ 2	13·13	332	+86	3·1	− 0·6	28	1012
9. IRELAND, NORTH ...	69	25	55·7	45·7	50·6	+0·9	662	+34	4	− 32	51	+ 2	9·86	249	+26	3·0	− 0·1	27	1009
10. IRELAND, SOUTH ...	73	24	57·0	46·6	51·7	+0·7	749	+25	5	− 27	53	+ 8	11·85	301	+72	3·0	− 0·5	27	1011
11. CHANNEL ISLANDS[4]	72	40	59·2	52·0	55·5	+0·5	1037	+32	0	− 1	43	− 4	9·87	252	+27	3·9	− 0·6	35	1013
MEAN: DISTRICTS 1-10	73	22	56·7	46·1	51·3	+1·1	727	+57	15	− 28	46	+ 3	9·45	240	+37	3·2	− 0·2	29	1011

THE YEAR. Aggregates, &c., for the Period of 46 Weeks, December 30th, 1923, to November 15th, 1924.

0. SCOTLAND, NORTH...	81	12	51·9	41·6	46·6	+0·2	1939	− 62	471	−108	206	− 8	40·53	1029	− 59	3·4	0·0	26	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·3	40·1	46·0	− 0·8	1942	−267	660	− 9	202	+20	28·91	735	+ 49	3·5	− 0·5	27	1010
2. ENGLAND, N.E. ...	87	16	54·7	42·4	48·3	− 0·2	2561	− 10	528	+38	164	0	23·56	597	+ 44	4·0	− 0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·5	43·9	50·0	+0·4	3043	+90	480	− 30	161	+ 2	25·38	643	+116	4·6	− 0·1	36	1013
4. MIDLAND COUNTIES	87	15	55·9	42·3	48·8	− 0·3	2728	−106	537	− 18	169	+11	29·33	747	+159	3·7	− 0·5	29	1013
5. ENGLAND, S.E. ...	86	17	56·7	44·4	50·3	− 0·4	3088	− 84	402	+15	162	+ 7	29·23	744	+148	4·8	− 0·1	38	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·6	41·9	47·5	− 0·7	2266	−195	486	+48	195	+ 6	37·94	963	− 48	3·5	− 0·6	27	1011
7. ENGLAND, N.W.[2] ...	85	21	54·4	43·9	49·2	0·0	2614	− 86	376	− 16	190	+16	31·82	806	+ 38	3·9	− 0·3	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·5	44·8	49·9	− 0·5	2866	−142	313	+ 5	178	+ 4	40·28	1020	+188	4·1	− 0·6	32	1013
9. IRELAND, NORTH ...	73	18	54·3	43·7	48·8	− 0·1	2482	− 81	291	− 58	222	+14	35·76	906	+ 72	3·4	− 0·4	27	1010
10. IRELAND, SOUTH ...	75	21	55·9	44·9	50·2	− 0·2	2863	−103	231	− 43	212	+27	38·33	973	+107	3·6	− 0·7	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·7	48·4	52·4	− 0·4	3440	−143	88	− 13	177	− 3	30·42	775	+ 79	5·1	− 0·5	40	1014
MEAN: DISTRICTS 1-10	87	2	55·0	43·2	48·9	− 0·3	2645	− 98	430	− 7	185	+11	32·05	813	+ 87	3·9	− 0·4	31	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland. E.	2. England. N.E.	3. England. E.	4. Midland Counties.	5. England. S.E.	6. Scotland. W. (and I. of Man).	7. England N.W. (and N. Wales).	8. England. S.W. (and S. Wales).	9. Ireland. N.	10 Ireland. S	11. Channel Islands (and Scilly).
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Moderate	Unusual	Unusual	Unusual	Unusual	Moderate	Moderate	Moderate	Unusual	Moderate	Moderate
	Rainfall ..	Very Light	Light	Light	Heavy	Moderate	Moderate	Light	Very Light	Moderate	Light	Moderate	Light
	Sunshine ..	Very Abundant	Moderate	Scanty	Moderate	Scanty	Scanty	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 11 weeks from August 31st, 1924	Warmth ..	4, 6, 1	2, 8, 1	7, 4, 0	8, 3, 0	8, 5, 0	5, 6, 0	3, 6, 2	3, 8, 0	3, 7, 1	5, 5, 1	4, 5, 2	2, 9, 0
	Rainfall ..	4, 1, 6	4, 2, 5	5, 2, 4	6, 3, 2	6, 2, 3	4, 4, 3	3, 4, 4	4, 2, 5	5, 3, 3	3, 4, 4	5, 4, 2	4, 3, 4
	Sunshine ..	5, 5, 1	5, 4, 2	3, 4, 4	0, 9, 2	1, 6, 4	1, 5, 5	4, 4, 3	4, 4, 3	3, 3, 5	2, 6, 3	0, 7, 4	1, 6, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

In most parts of the British Islands the weather of the week was of a rather unsettled type. There were bright periods, but showers of rain fell in all parts of the country and in places some rather heavy falls were recorded. Among the largest measurements were:—21 mm. at Roche's Point on the 9th, 23 mm. at Rothamsted on the 11th, 30 mm. at Shoeburyness and 29 mm. at Southend on the 12th and 23 mm. at Falmouth and 22 mm. at Waterford on the 14th. The total amount of rainfall for the week was in excess of the normal in a few places, notably in the eastern and south-eastern parts of England and the southern parts of Ireland, but in most other parts of the country it was below normal. The highest temperatures occurred during the first half of the week over our Islands generally, and in several places maximum temperatures above 55° F. were recorded, the highest reading being 60° F. at Cambridge on the 10th. The lowest of the screen minima, 22° F., was registered at Balmoral on the 14th. Ground frosts occurred in many places and among the lowest grass minimum temperatures were 15° F. at West Linton (Peebles) and 16° F. at Renfrew and Armagh on the 13th. The mean temperature for the week was above the normal in all Districts, the average excess being slightly above 2° F. Sunshine values of between 6 hrs. and 8 hrs. were recorded at a number of stations on various dates and among the largest amounts were 8·0 hrs. at Aberystwyth, Falmouth and Plymouth on the 12th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·1 hrs. at Stornoway to −2·2 hrs. at Ventnor. Mist or fog was reported in many parts of the country. A solar halo was observed at Hodsock Priory (Worksop) on the 11th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick ¶	54	t	50	12th	38	13th	48·6	44·9	46·7	+4·4	3	0·44	11	− 12
Orkneys	Deerness	160	p	50	9 10,11	40	13th	49·1	*43·9	46·5	+4·0	3	0·23	6	15
Hebrides	Stornoway ¶	51	t	54	10th	30	13th	50·9	38·0	44·5	+2·0	4	0·34	9	− 22
	Castlebay	37	t	53	11th	43	12th	50·4	47·1	48·7	—	4	0·24	6	—
Caithness	Wick ... ¶	81	t	50	9,10,11	30	13th	48·7	43·1	45·9	+4·2	2	0·24	6	− 11
Ross and Cromarty	Strathpeffer ¶	125	a	52	10, 11	27	14th	44·0	30·3	37·1	− 4·1	2	0·09	2	− 14
	Achnashellach ¶	225	h	57	10th	30	13, 14	50·0	35·7	42·9	—	2	0·29	7	—
Inverness	Inverness	242	h	53	10th	28	14th	48·0	35·0	41·5	—	1	0·03	1	—
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	58	11th	33	13th	52·0	41·3	46·7	—	2	0·33	9	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	51	10, 11	29	13th	46·1	34·1	40·1	− 0·4	2	0·13	3	− 11
Elgin	Gordon Castle ¶	101	p	50	9,10,11	29	13th	47·1	37·3	42·2	+0·7	3	0·13	3	− 13
Aberdeen	Aberdeen ... ¶	46	t	50	11th	36	13th	48·3	43·4	45·9	—	5	0·57	15	− 2
	Balmoral ... ¶	930	a	47	10, 11	22	14th	44·0	33·4	38·7	+1·0	4	0·16	4	− 17
Perth	Crieff ... ¶	478	p	50	12th	30	13th	46·6	36·1	41·3	+0·6	1	0·16	4	− 21
Forfar	Dundee	147	a	49	9, 11	33	12, 13	46·9	38·4	42·7	—	3	0·08	2	—
Fife	Inchkeith ... ¶	190	t	50	10th	37	13th	48·1	42·0	45·1	—	1	0·13	3	—
Midlothian	Edinburgh ...	441	p	49	11th	34	13th	46·3	37·9	42·1	+0·6	2	0·06	2	− 10
Peebles	West Linton ¶	770	a	51	11th	24	13, 14	46·6	31·4	39·0	+1·8	4	0·16	4	—
Berwick	Marchmont ¶	498	a	47	9,10,13	32	14th	46·0	36·6	41·3	+1·1	5	0·13	3	− 14
6a. SCOTLAND, W.															
Argyle	Ford ... ¶	149	a	53	11, 15	23	13th	50·9	38·1	44·5	—	2	0·55	14	—
Renfrew	Renfrew ... ¶	36	t	52	11th	24	13th	46·6	35·7	41·1	—	1	0·04	1	—
Bute	Rothesay ... ¶	200	p	51	11th	37	13, 14	48·0	40·6	44·3	+1·5	2	0·31	8	− 19
Ayr	Kilmarnock ¶	90	a	55	10th	24	13th	50·3	37·4	43·9	+3·1	3	0·03	1	− 19
	Colmonell... ¶	170	a	55	11th	25	13th	51·4	37·3	44·3	+1·8	2	0·40	10	− 16
Dumfries	Dumfries ... ¶	140	p	54	10th	30	13th	48·3	35·3	41·8	+0·3	2	0·13	3	− 15
	Eskdalemuir ...	794	t	53	10th	29	14th	47·3	34·6	40·9	—	2	0·20	5	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·8	—	11	—	—	—	—	—	—
Deerness §	1·0	− 0·1	14	—	—	—	—	—	—
Stornoway §	3·5	+2·1	44	—	—	—	—	—	—
Castlebay ...	1·6	—	20	—	—	—	—	—	—
Achnashellach	—	—	—	5	19	—	—	—	—
Inverness §	2·4	—	30	5	22	—	—	—	—
Onich ...	3·2	—	39	3	22	—	—	—	—
Nairn §	2·4	—	30	—	—	—	—	—	—
Gordon Castle	1·2	—	15	—	—	—	—	—	—
Aberdeen §	1·0	− 0·8	13	1	29	—	—	47·2	+1·0
Balmoral ...	—	—	—	3	21	—	—	—	—
(Kinc.)Crathes §	1·1	− 0·8	13	3	25	43·1	—	45·8	—
Dundee §	1·3	—	16	3	25	43·6	—	—	—
Inchkeith ...	2·0	—	24	0	32	—	—	—	—
Edinburgh §	2·9	+0·9	36	2	30	—	—	—	—
West Linton...	—	—	—	6	15	—	—	—	—
Marchmont §	1·5	− 0·2	19	—	—	—	—	—	—
Ford ...	—	—	—	3	22	44·8	—	48·3	—
Renfrew ...	1·3	—	16	4	16	—	—	—	—
Rothesay §	2·3	+0·7	28	1	30	43·1	—	47·9	+0·6
Kilmarnock ...	2·3	—	28	—	—	42·4	—	48·4	—
Colmonell ...	—	—	—	1	22	—	—	—	—
Dumfries ...	3·0	—	36	4	21	42·9	+0·7	47·9	+0·8
Eskdalemuir §	2·8	+1·0	34	4	25	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	54	11th	36	13th	49·0	43·6	46·3	+2·1	2	0·53	13	- 12
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	49	11th	37	12, 13	46·7	39·3	43·0	+2·2	2	0·06	2	- 14
	Tynemouth ¶	118	t	49	9,11,12	40	12th	47·9	43.4	45·7	+2·9	3	0·09	2	- 11
Durham	Durham ... ¶	336	p	48	9th	37	12, 13	45·9	39·3	42·6	+1·1	2	0·09	2	- 12
York,	Rounton ... ¶	249	p	50	9, 11	37	13th	47·4	39·7	43·5	+2·1	4	0·15	4	- 10
N. Riding	West Witton ...	605	a	54	13th	37	13th	47·9	39·4	43·7	—	3	0·06	2	—
	Scarborough ¶	118	h	49	9,11,13	43	10th	48 6	44·7	46·7	+3·1	2	0·30	8	- 7
	York ... ¶	56	p	50	11, 12	40	13, 13, 15	48·1	41·4	44·7	+2·2	5	0·43	11	- 2
E. Riding	Spurn Head ¶	26	t	50	11, 13	39	11th	48·6	44·6	46·6	+2·6	4	0·83	21	+ 9
Lincoln	Lincoln ... ¶	58	a	52	11th	38	15th	48·3	41·6	44·9	+2·7	3	0·33	9	- 3
	Cranwell ... ¶	236	t	52	11th	31	11th	47·3	39·3	43·3	+1·0	2	0·48	12	0
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	56	10th	38	11th	50·2	42·7	46 5	+2·6	4	0·50	13	0
	Yarmouth ... ¶	13	t	53	10th	35	11th	49·6	44·4	47·0	+3·3	3	0·43	11	- 4
	Norwich ... ¶	93	a	54	10th	34	15th	49·7	41·1	45·4	+2·7	3	0·52	13	- 4
	Geldeston ... ¶	37	a	55	10, 11	35	11th	50·1	42 3	46·2	+2·8	3	0·37	9	- 6
Cambridge	Cambridge ¶	41	p	60	10th	36	11, 15	51·0	40·1	45·5	+2·8	2	1·23	31	+19
Hertford	Rothamsted ¶	42)	a	52	10, 11	37	9th	47·6	41·4	44·5	+2·2	3	1·42	33	+19
Middlesex	Tottenham ¶	51	p	54	9,10,11	39	9th	50·6	43·0	46·8	—	3	1·21	31	—
Essex	Clacton-on-Sea ¶	55	t	55	10, 11	38	11th	50·1	45·0	47·5	+3·8	2	0·86	22	+10
	Southend	90	h	57	11th	42	9,10,15	50·4	44·3	47·3	—	5	1·78	45	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	48	11th	38	10, 13	45·0	40·0	42 5	+1·2	2	0·18	5	- 10
W. Riding	Sheffield	429	p	52	11th	38	10th	47 1	41·6	44·3	—	4	0·38	10	- 5
Derby	Buxton	987	p	48	11, 12	38	10, 15	45·9	40·6	43 3	+3·5	2	0·38	10	- 15
Nottingham	Worksop(Hold's'ck)¶	56	a	53	11th	31	10th	48·1	40·0	44·1	+1·9	4	0·33	8	- 3
	Nottingham ¶	192	a	52	11th	38	11th	47·9	42·0	44·9	+3·1	2	0·75	19	+ 9
Warwick	Birmingham (Edg)¶	525	t	51	11th	41	to 13, 15	47·0	42 7	44·9	+2 5	2	0·52	13	0
Northampton	Oundle ... ¶	147	a	55	11th	35	15th	49 1	40 0	44·5	—	3	1·19	30	—
Oxford	Oxford ... ¶	208	p	56	11th	38	9, 15	50·6	42·4	46·5	+3·6	3	0·52	13	0
Stafford	Cheadle ... ¶	646	a	49	11th	37	10th	46·6	39·7	43·1	+1·9	3	0·37	9	- 7
Worcester	Tenbury ... ¶	313	p	52	10, 11	40	13th	48·0	42·4	45·2	+2·8	3	0·50	13	+ 1
	Malvern	377	h	51	10, 11	41	9th	47·7	43·3	45·5	—	2	0·57	15	—
Hereford	Hereford ... ¶	344	a	53	10th	37	9th	48·3	41·3	44·8	+2·3	1	0·39	10	- 4
Gloucester	Clifton ... ¶	225	a	54	10th	42	9, 12	50·0	43·4	46·7	+2·6	1	0·36	9	- 8
5. ENGLAND, S.E.															
London	Westminster ...	27	a	53	10th	40	9th	51·0	44·3	47·7	+2·9	4	1·14	29	+18
	Greenwich ‡ ...	149	a	57	10, 11	37	9th	50·9	42·7	46·8	+3·0	4	1·23	31	+19
	Hampstead ...	450	p	57	11th	37	9, 15	49·1	41·3	45·2	—	5	1·24	31	—
	Camden Square ...	110	a	54	11th	39	9th	49 0	43·3	46·1	+2·0	4	1·19	30	+17
Surrey	Richmond (KewO)¶	18	t	57	10th	39	9th	50·7	44·2	47·5	+3·7	4	1·04	27	+15
	Wisley ... ¶	150	a	59	10th	34	9th	50·9	43·4	47·1	+3·9	4	1·03	27	+15
Kent	Tunbridge Wells ¶	354	h	58	10th	37	9th	50·6	42·7	46·7	+3·1	4	0·99	25	+ 8
	Margate ... ¶	51	h	58	10th	39	15th	50·3	43·4	46·9	+1·6	2	0·37	9	- 4
	Dungeness ¶	21	t	55	10th	41	15th	49·9	46·7	48·3	+2·8	4	0·45	11	- 4
Sussex	St. Leonards ¶	178	h	55	10, 11	41	15th	50·6	45·9	48·3	+2·7	5	0·65	17	0
	Worthing	36	h	56	10th	41	9th	51·2	45·4	48·3	—	2	0·24	6	—
I. of Wight	Ventnor ... ¶	59	a	58	10th	45	13th	52·9	47·7	50·3	+2·9	2	0·18	5	- 13
Hampshire	Southampton ¶	64	p	58	10th	39	9th	51·7	43·9	47·8	+2·6	2	0·30	7	- 10
Wiltshire	Marlborough ¶	424	a	55	10th	41	9th	48·9	43·6	46·3	+4·3	4	0·31	8	- 9
	Porton ¶	363	a	56	10th	39	9th	49·9	42·6	46·3	—	3	0·30	8	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	58	10th	33	13th	49·6	37·9	43·7	+2·0	3	0·04	1	- 21
	Newton Rigg ¶	559	p	56	10th	27	13th	47·0	34·1	40·5	+0·5	1	0·04	1	- 16
Lancashire	Stonyhurst ¶	377	a	51	11th	36	13th	47·9	40·1	44·0	+2·1	1	0·09	2	- 22
	Blackpool ¶	66	h	52	11th	36	13th	49·1	41·3	45·2	+2 1	1	0·03	1	- 17
	Southport ¶	37	h	52	11th	35	13th	48·0	41 4	44·7	+1·7	1	0·07	2	- 14
Manchester	Whitworth Pk. ¶	125	p	52	11th	38	15th	49 6	42 7	46·1	+3·2	1	0·15	4	- 10
Cheshire	Liverp'l (Bidston) ¶	189	a	52	11th	39	13th	48·1	43·4	45·7	+2·0	3	0·18	5	- 8
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	53	11th	39	11th	43·9	42 3	45·6	+1·5	1	0·23	7	- 5
Carnarvon	Llandudno ¶	22	h	55	11th	34	13th	51·3	42·7	47·0	+1·6	1	0·13	3	- 13
Anglesey	Holyhead ¶	26	t	56	11th	37	13th	51·9	44 9	48·4	+2 5	2	0·17	4	- 17
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	57	10th	32	13th	52·3	42·0	47·1	—	2	0·07	2	—
Pembroke	St. Ann's Hd. ¶	150	t	54	10, 11	38	13th	51 4	46·3	48·9	+1·9	4	0·33	9	- 11
Radnor	Rhayader ¶	757	a	51	10th	30	13th	46·9	38·9	42·9	—	3	0·15	4	-
Glamorgan	Cardiff ... ¶	202	p	57	10th	39	13, 15	50·0	42·1	46·1	+2·9	4	0·38	10	- 11
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	56	10th	43	9th	50·4	45 4	47·9	+4·5	3	0·37	9	- 5
Dorset	Shaftesbury ¶	722	a	54	10th	39	9th	48·6	41·6	45·1	+2·3	3	0·67	17	0
	Portland Bill ¶	19	t	58	10th	45	13, 15	53·0	48·9	50·9	+3·4	2	0·75	19	+ 5
Devon	Arlington ¶	613	a	56	10th	33	13th	50·4	42·7	46·5	+2·8	3	0·61	16	- 13
	Cullompton ¶	202	a	57	10th	35	13th	52 0	40·7	46·3	+2·5	5	0·63	16	- 11
	Plymouth ¶	116	p	58	10th	36	13th	52·9	44·9	48·9	+2·5	4	0 83	21	+ 2
Cornwall	Newquay ...	190	h	57	10th	31	13th	52·8	43·1	47·9	+0·4	4	0·70	18	- 1
	Falmouth ¶	167	h	57	10th	35	13th	53·0	44·1	48·5	+1·2	5	1·35	34	+ 9
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	53	11th	34	13th	49·3	43·6	46·5	+1·9	3	0·13	3	- 15
Mayo	Blacksod Point ¶	10	t	55	10th	40	12th	51·1	45·1	48 1	+2 6	4	0·51	13	- 16
	Mallaranny ...	120	a	54	11th	37	12, 13	50 7	40·7	45·7	-	5	0·99	25	-
Sligo	Markree Castle ¶	122	p	56	10th	28	12th	50·9	39·1	45·0	+2·5	3	0·47	12	- 12
Armagh	Armagh ... ¶	204	p	54	11th	25	13th	50·1	39·1	44·6	+2·0	3	0·14	4	- 12
Down	Donaghadee ¶	35	t	56	11th	37	12th	51·3	45·9	48·6	+4·4	3	0·25	6	- 11
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	54	10, 11	32	13th	50·6	42·6	46·6	+1·6	3	0·24	6	- 10
King'sCounty	Birr Castle ¶	175	t	55	10, 11	26	13th	51·3	40·4	45·9	+3·3	6	0·93	24	+ 6
Kilkenny	Kilkenny ¶	182	a	55	10, 11	24	13th	51·0	37·0	44·0	+0·9	5	0·92	23	+ 5
Waterford	Waterford ¶	137	a	55	10, 11	30	13th	51 7	41·3	46·5	+2·2	6	1·74	44	+22
	Seskin, Carrick-on-Suir	542	p	55	11th	33	13th	50·7	41·3	46·0	—	5	2·16	55	—
Limerick	Foynes ... ¶	50	a	55	9,11,12	30	13th	52·6	39·7	46·1	+1·4	5	0·95	24	+ 1
Kerry	Cahirciveen ¶	30	t	57	9th	36	12th	53·3	45·7	49·5	+2·5	5	0·89	23	- 9
	Killarney ¶	174	a	57	10th	33	12th	53·8	43·4	48·6	+3·3	5	0·79	20	- 13
Cork	Roche's Point ¶	32	t	55	10, 11	37	13th	52·6	46·0	49·3	+2·8	5	2·45	62	+37
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	56	10th	40	13th	53·9	46·9	50·4	+1·0	5	1·22	31	+13
Guernsey	Grange ... ¶	173	p	58	10th	43	14th	52·7	47·0	49·9	+1·6	4	0·20	5	- 18
Jersey	St. Heliers ¶	28	h	59	10th	42	9th	52·9	47·9	50·4	+2·1	1	0·04	1	- 21

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	1·6	- 0·8	19	0	31	—	—	—	—
Cockle Park §	0·8	- 1·4	9	0	32	44·4	+4·1	46·4	+1·2
Tynemouth ...	—	—	—	0	37	—	—	—	—
Durham §	0·9	- 1·0	10	2	30	—	—	—	—
Rounton ...	—	—	—	1	30	45·4	—	—	—
West Witton	—	—	—	1	29	43·2	—	46·8	—
Scarborough †§	0·1	- 1·7	1	0	35	—	—	48·9	—
York §	0·1	- 1·3	2	—	—	46·7	+1·9	49·5	+0·5
Spurn Head...	1·0	—	12	—	—	—	—	—	—
Lincoln ...	—	—	—	0	34	45·6	+2·9	49·5	+0·7
Cranwell §	1·5	- 0·5	17	4	23	—	—	—	—
Skegness §	2·4	+0·1	28	—	—	—	—	—	—
Cromer §	2·7	+0·6	31	—	—	—	—	—	—
Yarmouth §	2·2	—	25	0	34	47·7	+3·1	50·9	+1·0
Norwich ...	2·6	—	30	2	27	45·5	—	—	—
Geldeston §	2·7	+0·5	31	—	—	—	—	—	—
Cambridge §	2·4	+0·2	27	0	31	48·0	+3·9	51·6	+1·7
Rothamsted §	1·7	- 0·5	19	1	30	46·4	—	—	—
Tottenham §	0·6	—	7	—	—	—	—	—	—
Clacton-on-Sea§	2·4	0·0	27	0	35	48·3	+2·1	51·4	+0·5
Southend ..	2·0	—	23	0	38	48·9	—	—	—
Harrogate §	0·4	- 1·3	4	1	30	45·7	+2·3	47·4	+1·1
Sheffield §	0·2	- 1·6	2	0	31	45·7	+2·2	48·2	- 0·2
Buxton ...	0·3	—	3	0	36	43·5	+2·6	47·6	+0·2
Worksop §	0·9	- 0·8	10	1	26	45·8	—	48·1	—
Nottingham §	1·1	- 0·3	13	0	36	45·5	+3·8	48·2	+0·9
Birmingham §	0·1	- 1·3	1	0	37	46·0	+2·3	49·0	+0·1
Oundle ...	2·5	—	28	0	31	47·0	—	50·6	—
Oxford §	0·9	- 1·3	10	1	28	—	—	—	—
Cheadle ...	—	—	—	0	35	—	—	—	—
Tenbury ...	—	—	—	0	32	46·3	—	—	—
Malvern ...	0·2	—	2	0	34	46·2	—	49·0	—
Ross on Wye§	0·7	—	8	1	28	46·7	—	49·8	—
Clifton §	0·6	- 1·5	6	0	40	—	—	—	—
Westminster	0·5	- 0·6	6	0	35	—	—	—	—
Greenwich ...	2·0	+0·1	22	2	28	—	—	—	—
Hampstead ...	0·5	—	6	2	28	—	—	—	—
Camden Square	—	—	—	0	35	47·2	—	50·9	—
Richmond §	1·3	- 0·5	15	1	30	47·3	+3·5	51·1	+1·3
(Kew Obs.)	1·6	- 0·4	19	1	25	47·7	+3·4	50·7	+1·2
Wisley §	1·9	- 0·6	22	1	29	49·5	—	52·5	—
Tunbridge Wls§	2·0	- 0·1	22	0	36	48·9	+2·8	52·7	+2·2
Margate §	1·9	—	21	0	33	—	—	53·3	—
Folkestone §	1·6	- 1·1	18	0	38	49·1	—	53·2	—
St. Leonards §	2·0	- 0·9	22	0	36	48·4	+2·9	52·6	+1·1
Worthing §	0·6	- 2·2	7	—	—	—	—	—	—
Ventnor §	0·5	- 1·9	6	0	35	—	—	—	—
Southampton§	0·3	- 1·6	4	0	36	47·2	—	50·8	—
Marlborough§	0·4	—	4	0	34	47·1	—	—	—
Porton ...									
Aspatria §	3·5	+1·3	42	1	30	44·7	+1·4	48·1	+0·2
Newton Rigg§	3·0	+1·1	36	4	24	—	—	—	—
Stonyhurst §	2·4	+0·6	28	0	31	—	—	—	—
Blackpool §	1·7	- 0·3	20	1	24	46·6	—	50·1	—
Southport §	1·4	- 0·5	17	1	24	43·1	+1·2	48·0	+0·7
Whitworth Pk.	1·3	+0·6	15	—	—	—	—	—	—
Oldham Road	0·1	- 0·5	2	0	32	45·0	+2·1	49·8	+0·1
Bidston ..	0·9	—	11	0	33	—	—	—	—
(Ches.)Hoylake§	1·2	- 1·0	14	—	—	—	—	—	—
Llandudno §	1·6	- 0·7	19	—	—	—	—	—	—
Holyhead ...	2·7	—	32	1	28	—	—	—	—
Aberystwyth§	1·8	- 0·7	21	—	—	—	—	—	—
St. Ann's Hd.§	1·9	- 0·5	22	—	—	—	—	—	—
Rhayader §	1·0	—	11	2	20	—	—	—	—
Cardiff ...	1·4	—	16	0	33	47·4	+3·0	51·2	+1·1
Bath ... §	0·3	- 2·1	4	—	—	49·1	—	52·6	—
Shaftesbury...	—	—	—	—	—	—	—	50·7	—
Weymouth ...	2·0	—	23	—	—	—	—	—	—
Arlington ...	—	—	—	1	28	—	—	—	—
Cullompton §	1·2	- 1·1	13	3	27	47·9	—	—	—
Plymouth §	2·3	- 0·3	26	0	32	48·5	+1·9	52·9	—
Newquay §	2·8	0·0	32	—	—	49·9	—	53·1	—
Falmouth §	2·8	0·0	31	1	28	49·4	—	52·6	—
Malin Head...	2·4	—	29	—	—	—	—	—	—
Mallaranny ...	2·4	—	28	—	—	—	—	—	—
MarkreeC'stle§	2·3	+0·1	27	—	—	46·8	+1·1	50·6	+0·6
Armagh §	2·5	+0·2	30	2	16	45·7	+1·1	49·2	+0·2
Trinity Coll.	—	—	—	1	28	47·3	+1·4	49·7	+0·3
Phœnix Park §	3·2	+0·5	37	2	23	—	—	—	—
Dublin City ...	—	—	—	1	26	—	—	—	—
Birr Castle §	2·9	+0·5	33	2	20	—	—	—	—
Seskin ...	2·5	—	29	1	22	—	—	—	—
Cahirciveen (Valencia O.)§	2·7	+0·2	31	0	31	—	—	—	—
Ballinacurra §	2·5	+0·2	29	—	—	—	—	—	—
St. Mary's §	3·8	+1·1	43	—	—	—	—	—	—
Grange §	2·0	- 0·5	23	0	35	50·0	+1·0	54·3	+0·9
St. Heliers §	1·9	- 0·9	21	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, November 15th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	—	0	9 to 11, 13 to 15	101	43	11	13	0	150	37	17	11	6	59	26	11	5	35
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	8 to 11, 14	56	64	39	9	0	150	32	14	10	23	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	—	0	106	50	12	0	160	23	10	14	19	35	16	14	19	20
Edinburgh Edinburgh ...	485	39	31	—	0	—	0	28	91	49	0	180	23	10	15	4	33	15	15	4	10
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	—	0	4	93	71	0	160	15	7	10	17	27	12	10	17	10
Dumfries Eskdalemuir ...	825	50	22	—	0	—	0	0	91	77	0	350	11	5	12	13	22	10	10	16	15
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	58	93	17	0	120	21	9	9	13	29	13	9	13	35
York, E.R. Spurn Head ...	67	41	‡	—	0	9	2	87	60	19	0	110	26	12	9	1	34	15	9	0	40
Lincoln Cranwell ...	280	43	31	—	0	—	0	21	(79)	(68)	0	10	16	7	12	14	22	10	12	13	45
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	76	74	18	0	120	21	9	9	3	28	13	9	3	30
Essex Shoeburyness...	103	90	‡	—	0	—	0	78	71	19	0	90	21	9	12	24	29	13	13	0	35
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	12	130	26	0	90	15	7	15	8	23	11	15	8	30
Surrey Croydon ...	284	40	24	—	0	—	0	2	131	35	0	10	13	6	12	19	22	10	12	21	30
Kent Lympne ...	409	70	‡	—	0	—	0	32	133	3	0	110	18	8	9	1	23	10	9	0	20
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	12	7	22	117	22	0	350	26	12	12	16	39	17	12	16	15
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	33	125	8	2	350	23	10	12	18	36	16	12	16	50
Wiltshire Larkhill ...	513	63	43	—	0	—	0	36	(127)	( )	0	360	20	9	12	18	28	13	12	18	15
7a. ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	—	0	35	114	19	0	120	24	11	9	2	40	18	9	2	5
Lancashire Southport ...	80	62	48	—	0	—	0	42	118	8	0	110	21	9	9	1	31	14	9	23	45
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	—	0	71	75	22	0	170	23		11	8	35	16	9 11	1 7	55 45
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	10, 14 15	9	78	72	9	0	—	27	12	14	24	40	18	15	0	20
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	9, 10 14	14	79	62	13	0	140	34	15	9	3	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	9, 13, 14	6	61	64	29	8	—	28	13	9	18	45	20	9	0	5
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	9, 13	27	48	70	23	0	150	29	13	13	22	53	23	9	16	40
Cork Weaver Pt. ...	160	30	‡	—	0	9, 10, 13, 14	38	39	56	35	0	—	33	15	9	13	44	20	9	14	0
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	9, 14	20	79	48	15	6	130	31	14	9	13	41	18	9	16	20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	23	19	8·3	15	9	3·8	24	8	3·6	7	4	2·0	14	8	3·5	15	15	6·8	20	14	6·1	17	13	5·6
North	3	1	0·6	5	3	1·2	1	2	0·9	12	5	2·4	5	12	5·5	5	10	4·6	3	3	1·5	6	5	2·1
West	5	6	2·7	6	7	3·2	2	2	3·7	3	3	1·2	4	8	3·6	4	9	3·8	9	8	3.6	8	6	2·8
East	19	8	3·7	11	5	2·2	23	9	0·9	18	7	3·0	19	7	3·3	16	10	4·4	15	10	4.6	16	9	4·2
Calm (or wind-speed < 4 m.p.h.)	2	—	—	6	—	—	3	—	—	4	—	—	4	—	—	4	—	—	2	—	—	4	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 20th November, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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METEOROLOGICAL OFFICE
2 DEC 1924

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-SEVENTH WEEK of 1924—November 16th to November 22nd, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	55	32	49·9	43·1	46·5	+6·1	31	+19	0	−21	5	0	1·28	33	−1	1·0	0·0	14	1022
Eastern.																			
1. SCOTLAND, EAST ...	56	20	48·9	38·3	43·6	+4·0	22	+11	10	−17	2	−2	0·20	5	−10	1·2	−0·4	16	1025
2. ENGLAND, N.E. ...	55	27	47·6	38·1	42·9	+1·3	17	+2	11	−6	2	−2	0·05	1	−10	1·9	0·0	23	1030
3. ENGLAND, EAST ...	52	22	46·7	35·7	41·2	−0·4	13	−3	19	0	3	−1	0·12	3	−8	0·8	−1·0	9	1031
4. MIDLAND COUNTIES	54	21	46·7	36·3	41·5	+0·4	13	−2	17	−5	1	−3	0·05	1	−10	1·3	−0·2	16	1032
5. ENGLAND, S.E. ...	54	21	46·9	35·8	41·4	−1·6	14	−8	18	+3	1	−3	0·03	1	−13	1·9	+0·1	22	1032
Western.																			
6. SCOTLAND, WEST[1] ...	53	26	49·4	40·9	45·2	+3·4	25	+8	3	−14	4	−1	1·11	28	−2	0·9	−0·7	11	1028
7. ENGLAND, N.W.[2] ...	58	20	47·8	38·6	43·2	+0·7	18	0	10	−5	3	−1	0·66	17	−3	1·7	+0·1	20	1031
8. ENGLAND, S.W.[3] ...	54	21	47·4	37·1	42·2	−1·9	15	−11	14	+3	1	−3	0·06	2	−19	1·9	0·0	22	1032
9. IRELAND, NORTH ...	55	29	51·3	44·5	47·9	+4·9	41	+21	0	−13	3	−2	0·54	14	−8	0·1	−1·6	2	1028
10. IRELAND, SOUTH ...	56	31	51·1	43·6	47·3	+3·0	37	+10	0	−11	2	−2	0·19	5	−16	1·1	−0·9	13	1032
11. CHANNEL ISLANDS[4]	54	32	50·5	43·7	47·1	−0·9	36	−8	0	−2	1	−4	0·02	1	−18	2·7	+0·7	31	1033
MEAN: DISTRICTS 1-10	58	20	48·4	38·9	43·6	+1·4	21	+3	10	−7	2	−2	0·30	8	−10	1·3	−0·5	15	1030

THE SEASON (Autumn).—Aggregates, &c., for the Period of 12 Weeks, August 31st to November 22nd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	73	27	53·5	43·5	48·4	+1·5	558	+53	23	−61	51	−7	12·42	315	−15	2·9	+0·4	28	1009
Eastern.																			
1. SCOTLAND, EAST ...	70	20	53·6	41·6	47·5	+0·6	522	−2	62	−50	50	+2	8·43	214	+14	3·2	+0·3	30	1010
2. ENGLAND, N.E. ...	71	27	56·0	45·4	50·5	+1·5	739	+92	23	−34	46	+2	6·46	163	+1	3·2	0·0	30	1013
3. ENGLAND, EAST ...	72	22	57·5	47·0	52·1	+2·0	874	+135	23	−39	45	+2	8·22	209	+50	3·0	−0·6	28	1015
4. MIDLAND COUNTIES	72	21	56·2	44·8	50·3	+1·4	735	+70	38	−45	43	0	8·70	222	+52	2·6	−0·5	25	1014
5. ENGLAND, S.E. ...	73	21	57·8	47·5	52·5	+1·3	905	+82	22	−23	44	+1	9·15	233	+32	3·2	−0·5	29	1015
Western.																			
6. SCOTLAND, WEST[1] ...	72	23	54·9	43·6	49·1	+0·7	635	+24	36	−29	47	−2	11·42	291	−20	3·0	0·0	28	1012
7. ENGLAND, N.W.[2] ...	72	20	55·6	45·9	50·7	+1·0	748	+61	20	−27	50	+2	9·45	239	+1	3·1	0·0	29	1013
8. ENGLAND, S.W.[3] ...	71	21	56·6	47·3	51·8	+0·8	840	+44	18	−17	48	−1	13·19	334	+67	3·0	−0·5	28	1014
9. IRELAND, NORTH ...	69	25	55·3	45·6	50·3	+1·2	703	+55	4	−45	54	0	10·40	263	+18	2·7	−0·3	26	1010
10. IRELAND, SOUTH ...	73	24	56·5	46·4	51·3	+0·9	786	+35	5	−38	55	+6	12·04	306	+56	2·8	−0·6	26	1012
11. CHANNEL ISLANDS[4]	72	32	58·5	51·3	54·8	+0·4	1073	+24	0	−3	44	−8	9·89	253	+9	3·8	−0·5	35	1015
MEAN: DISTRICTS 1-10	73	20	56·0	45·5	50·6	+1·1	749	+60	25	−35	48	+1	9·75	247	+27	3·0	−0·3	28	1013

THE YEAR. Aggregates, &c., for the Period of 47 Weeks, December 30th, 1923, to November 22nd, 1924.

DISTRICTS.	Highest	Lowest	Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
0. SCOTLAND, NORTH...	81	12	51·9	41·7	46·6	+0·3	1970	−43	471	−129	211	−8	41·81	1062	−60	3·3	0·0	26	1009
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·2	40·1	45·9	−0·7	1964	−256	670	−26	204	+18	29·04	738	+37	3·5	−0·4	27	1010
2. ENGLAND, N.E. ...	87	16	54·5	42·3	48·2	−0·1	2578	−8	539	+32	166	−2	23·61	598	+34	3·9	−0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·3	43·8	49·8	+0·4	3056	+87	499	−30	164	+1	25·50	646	+108	4·5	−0·2	35	1014
4. MIDLAND COUNTIES	87	15	55·7	42·1	48·7	−0·2	2741	−108	554	−23	170	+8	29·38	748	+149	3·6	−0·5	29	1013
5. ENGLAND, S.E. ...	86	17	56·5	44·3	50·1	−0·4	3102	−92	420	+18	163	+4	29·26	745	+135	4·7	−0·1	38	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·5	41·9	47·5	−0·6	2291	−187	489	+34	199	+5	39·05	991	−50	3·5	−0·5	27	1011
7. ENGLAND, N.W.[2] ...	85	20	54·2	43·8	49·1	+0·1	2632	−86	386	−21	193	+15	32·48	823	+35	3·8	−0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·3	44·6	49·8	−0·4	2881	−153	327	+8	179	+1	40·34	1022	+169	4·1	−0·5	32	1013
9. IRELAND, NORTH ...	73	18	54·2	43·7	48·8	+0·1	2523	−60	291	−71	225	+12	36·30	920	+64	3·3	−0·5	26	1010
10. IRELAND, SOUTH ...	75	21	55·8	44·8	50·1	−0·1	2900	−93	231	−54	214	+25	38·52	978	+91	3·5	−0·7	28	1012
11. CHANNEL ISLANDS[4]	83	30	56·6	48·3	52·3	−0·4	3476	−151	88	−15	178	−7	30·44	776	+61	5·1	−0·4	40	1014
MEAN: DISTRICTS 1-10	87	2	54·8	43·1	48·8	−0·2	2667	−96	441	−13	188	+9	32·35	821	+77	3·8	−0·4	30	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Very Unusual	Unusual	Moderate	Moderate	Moderate	Deficient	Unusual	Moderate	Deficient	Unusual	Unusual	Moderate
	Rainfall ..	Moderate	Light	Very Light	Light	Light	Very Light	Moderate	Moderate	Light	Light	Light	Very Light
	Sunshine ..	Moderate	Moderate	Moderate	Scanty	Moderate	Moderate	Scanty	Moderate	Moderate	Very Scanty	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 12 weeks from August 31st, 1924	Warmth ..	5, 6, 1	3, 8, 1	7, 5, 0	8, 4, 0	6, 6, 0	5, 6, 1	4, 6, 2	3, 9, 0	3, 7, 2	6, 5, 1	5, 5, 2	2, 10, 0
	Rainfall ..	4, 2, 6	4, 2, 6	5, 2, 5	6, 3, 3	6, 2, 4	4, 4, 4	3, 5, 4	4, 3, 5	5, 3, 4	3, 4, 5	5, 4 3	4, 3, 5
	Sunshine ..	5, 6, 1	5, 5, 2	3, 5, 4	0, 9, 3	1, 7, 4	1, 6, 5	4, 4, 4	4, 5, 3	3, 4, 5	2, 6, 4	0, 7, 5	1, 7, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Pressure conditions over the British Isles were mainly anticyclonic and the weather was fair to cloudy. There were a few rather heavy falls of rain towards the end of the period in various parts of the country, but the total amount for the week was below the normal in all Districts. Among the largest individual amounts were:—39mm. at Achnashellach (Ross-shire), 33mm. at Onich (Inverness) and 29mm. at Ford (Argyll) on the 21st and 45mm. at Stonyhurst and 27mm. at Lancaster on the 22nd, while for the two days 21st and 22nd, Mallarany (Mayo) had 40mm. and 32mm. respectively. The highest temperature occurred during the second half of the week in most parts of our Islands and at a few places maximum temperatures of 55°F. or slightly above were recorded. The lowest of the screen minimum temperatures occurred either on the 17th or 18th over the country generally, and in places some very low readings were obtained. At a number of stations screen minima round about 20°F. were recorded. During the latter part of the week there was a considerable rise in the night temperatures, and in some parts screen minimum readings varying between 45°F. and 50°F. were registered. Ground frosts were general, the lowest of the grass temperatures, 15°F., being recorded at Rhayader (Radnor) on the 17th and at Birmingham and Cullompton (Devon) on the 18th. The mean temperature for the week was well above the normal in Scotland, Ireland and in northern England, but in southern and eastern England it was generally below normal. Sunshine values of about 6 hrs. or 7 hrs. were registered locally on various dates and at a few stations the total amount for the week was slightly above the normal. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·5 hrs. at Jersey to −1·6 hrs. at Markree Castle (Sligo). Mist or fog occurred in many parts of our Islands. Solar halos were seen at Dublin on the 16th and at Aberdeen on the 18th. The Zodiacal Band and Counterglow were observed at Wadhurst (Sussex) on the 17th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.														
Shetlands	Lerwick ¶	54	t	51	20, 21	44	18th	49·3	45·4	47·3	+6·0	6	0·90	23
Orkneys	Deerness	160	p	54	21, 22	41	17, 18	51·0	43·3	47·1	+5·7	6	0·63	16
Hebrides	Stornoway ¶	51	t	54	20, 21	39	18th	51·1	42·9	47·0	+5·5	6	1·01	26
	Castlebay	37	t	52	19, 20, 21	44	16th	50·9	47·6	49·3	—	5	0·21	5
Caithness	Wick ... ¶	81	t	55	21st	39	17, 19	49·7	43·1	46·4	+5·8	2	0·07	2
Ross and Cromarty	Strathpeffer ¶	125	a	55	20, 21	32	16th	50·9	39·4	45·1	+5·1	4	0·08	2
	Achnashellach ¶	225	h	51	19th	37	18th	48·6	43·1	45·9	—	6	3·19	81
Inverness	Inverness	242	h	55	21st	37	16th	50·1	42·6	46·3	—	2	0·03	1
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	53	21st	39	19th	50·0	44·7	47·3	—	5	2·44	62
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	54	20th	36	16th	49·7	41·9	45·8	+6·1	0	0·01	0·2
Elgin	Gordon Castle ¶	101	p	56	20th	37	16th	52·0	42·3	47·1	+6·4	1	0·02	1
Aberdeen	Aberdeen ... ¶	46	t	54	20th	35	18th	48·9	40·3	44·6	—	2	0·06	1
	Balmoral ... ¶	930	a	52	19th	26	19th	48·6	35·1	41·9	+5·0	2	0·02	1
Perth	Crieff ... ¶	478	p	52	19, 20, 22	32	16, 17, 19	48·7	38·1	43·4	+3·6	3	0·21	5
Forfar	Dundee	147	a	53	19, 22	31	17th	49·1	37·9	43·5	—	2	0·04	1
Fife	Inchkeith ... ¶	190	t	52	22nd	36	17th	48·1	42·9	45·5	—	4	0·20	5
Midlothian	Edinburgh ...	441	p	52	22nd	33	17th	47·7	40·4	44·1	+3·4	2	0·21	5
Peebles	West Linton ¶	770	a	51	21, 22	20	16th	47·6	32·1	39·9	+3·4	4	0·88	22
Berwick	Marchmont ¶	498	a	52	20, 21, 22	26	17th	47.7	33·4	40·5	+1·2	3	0·22	6
6a. SCOTLAND, W.														
Argyll	Ford ... ¶	149	a	52	22nd	35	16th	49·4	42·0	45·7	—	6	2·00	51
Renfrew	Renfrew ... ¶	36	t	52	19, 22	26	17th	49·0	41·0	45·0	—	3	0·81	21
Bute	Rothesay ... ¶	200	p	52	21st	39	17th	49·7	42·9	46·3	+4·1	4	0·72	18
Ayr	Kilmarnock ¶	90	a	51	21, 22	30	17th	49·4	39·3	44·3	+4·1	4	1·01	26
	Colmonell... ¶	170	a	53	18th	35	17th	50·4	42·1	46·3	+4·4	3	1·22	31
Dumfries	Dumfries ... ¶	140	p	51	19, 21, 22	27	17th	48·3	36·6	42·5	+1·7	2	0·68	17
	Eskdalemuir ...	794	t	51	19th	21	17th	45·7	33·6	39·7	—	3	1·78	45

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·5	—	7	—	—	—	—	—	—
Deerness §	0·9	− 0·1	12	—	—	—	—	—	—
Stornoway §	0·9	− 0·3	13	—	—	—	—	—	—
Castlebay ...	0·5	—	7	—	—	—	—	—	—
Achnashellach	—	—	—	4	25	—	—	—	—
Inverness §	1·3	—	17	0	32	—	—	—	—
Onich ...	0·1	—	1	1	30	—	—	—	—
Nairn §	0·8	—	11	—	—	—	—	—	—
Gordon Castle	1·0	—	14	—	—	—	—	—	—
Aberdeen §	1·2	− 0·5	16	4	25	—	—	46·7	+1·6
Balmoral ...	—	—	—	4	24	—	—	—	—
(Kinc.)Crathes §	1·5	− 0·2	20	4	23	41·1	—	45·1	—
Dundee §	1·1	—	15	3	24	42·6	—	—	—
Inchkeith ...	0·9	—	11	2	28	—	—	—	—
Edinburgh §	0·7	− 1·3	9	2	24	—	—	—	—
West Linton...	—	—	—	4	19	—	—	—	—
Marchmont §	1·8	+0·2	24	—	—	—	—	—	—
Ford ...	—	—	—	2	29	45·0	—	47·6	—
Renfrew ...	1·0	—	13	2	21	—	—	—	—
Rothesay §	0·5	− 0·9	6	0	36	44·0	—	47·0	+0·7
Kilmarnock ...	0·6	—	7	—	—	42·7	—	47·3	
Colmonell ...	—	—	—	1	30	—	—	—	
Dumfries ...	1·2	—	15	4	20	42·0	+1·2	46·4	+0·6
Eskdalemuir §	1·6	+0·1	21	3	16	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
65. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	52	19th	37	17th	49·4	42·7	46·1	+2·5	4	1·32	34	+ 6
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	51	20, 21, 22	27	17th	48·3	37·3	42·8	+2·9	3	0·08	2	− 11
	Tynemouth ¶	118	t	55	22nd	32	17th	48·7	41·3	45·0	+3·2	4	0·11	3	− 7
Durham	Durham ... ¶	336	p	52	22nd	29	17th	48·0	36·4	42·2	+1·7	3	0·04	1	− 9
York, N. Riding	Rounton ... ¶	249	p	52	22nd	31	17th	46·7	35·6	41·1	+0·7	3	0·05	1	− 10
	West Witton ...	605	a	52	22nd	27	17, 18	48·4	36·7	42·5	—	2	0·15	4	—
	Scarborough ¶	118	h	55	20th	31	18th	49·0	40·7	44·9	+2·3	3	0·06	2	− 10
	York ... ¶	56	p	53	22nd	33	17th	47·7	38·7	43·2	+1·7	3	0·07	2	− 8
E. Riding	Spurn Head ¶	26	t	51	22nd	33	17, 18	47·0	40·1	43·5	+0·6	2	0·06	1	− 8
Lincoln	Lincoln ... ¶	58	a	53	22nd	29	18th	47·4	36·6	42·0	+0·8	0	0·00	0	− 10
	Cranwell ... ¶	235	t	51	22nd	27	18th	45·9	36·3	41·1	− 0·2	0	0·01	0·2	− 10
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	51	21st	29	18th	47·3	38·5	42·9	+0·6	5	0·24	6	− 3
	Yarmouth ... ¶	13	t	51	20, 22	28	18th	46·0	37·4	41·7	− 0·5	3	0·18	5	− 6
	Norwich ... ¶	93	a	51	22nd	27	18th	46·6	33·9	40·3	− 0·9	3	0·15	4	− 8
	Geldeston ... ¶	37	a	52	22nd	26	18th	47·4	34·3	40·9	− 1·1	3	0·14	4	− 7
Cambridge	Cambridge ¶	41	p	52	20th	22	18th	47·0	32·6	39·8	− 1·4	3	0·08	2	− 7
Hertford	Rothamsted ¶	420	a	50	22nd	25	18th	45·3	34·1	39·7	− 1·2	2	0·05	1	− 11
Middlesex	Tottenham ¶	51	p	52	22nd	26	18th	47·0	37·4	42·2	—	2	0·02	1	—
Essex	Clacton-on-Sea ¶	55	t	51	20, 22	30	18th	46·6	37·4	42·0	− 0·2	2	0·10	3	− 6
	Southend	90	h	52	20th	30	18th	46·1	37·4	41·7	—	2	0·08	2	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	49	18, 20, 22	33	18th	45·7	38·7	42·2	+1·9	1	0·24	6	− 6
	Sheffield	429	p	52	22nd	33	17th	47·7	39·9	43·8	—	3	0·05	1	− 12
Derby	Buxton	987	p	48	20, 21, 22	27	18th	45·0	33·0	40·5	+1·7	2	0·20	5	− 16
Nottingham	Worksop(Hods'ck)¶	56	a	54	20th	27	18th	48·9	36·6	42·7	+1·5	1	0·04	1	− 8
	Nottingham ¶	192	a	52	22nd	28	18th	47·4	38·6	43·0	+2·2	2	0·03	1	− 7
Warwick	Birmingham (Edg)¶	525	t	51	20th	29	18th	45·4	38·9	42·1	+0·7	2	0·02	1	− 10
Northampton	Oundle ... ¶	147	a	52	22nd	23	18th	47·0	34·4	40·7	—	1	0·04	1	—
Oxford	Oxford ... ¶	208	p	53	20th	23	18th	46·9	36·0	41·5	− 0·4	1	0·03	1	− 9
Stafford	Cheadle ... ¶	646	a	50	22nd	23	18th	45·7	35·1	40·4	+0·3	2	0·07	2	− 11
Worcester	Tenbury ... ¶	313	p	53	20th	21	18th	47·3	33·9	40·6	− 0·9	0	0·00	0	− 9
	Malvern	377	h	52	22nd	23	18th	45·7	38·9	42·3	—	0	0·00	0	—
Hereford	Hereford ... ¶	291	a	53	22nd	23	18th	46·0	34·4	40·2	− 1·3	0	0·00	0	− 11
Gloucester	Clifton ... ¶	225	a	51	20, 22	26	18th	46·4	36·4	41·4	− 1·7	0	0·00	0	− 14
5. ENGLAND, S.E.															
London	Westminster ...	27	a	53	22nd	28	18th	48·0	37·1	42·5	− 0·8	1	0·02	1	− 8
	Greenwich ‡ ...	149	a	52	22nd	25	18th	47·3	34·6	40·9	− 1·4	2	0·03	1	− 9
	Hampstead ...	450	p	50	20, 22	26	18th	45·0	35·6	40·3	—	2	0·04	1	—
	Camden Square ...	110	a	52	22nd	28	18th	47·0	36·7	41·9	− 0·7	2	0·02	1	− 10
Surrey	Richmond (KewO)¶	18	t	53	22nd	27	18th	46·4	37·4	41·9	− 0·4	1	0·01	0·3	− 10
	Wisley ... ¶	150	a	53	22nd	26	18th	46·9	34·0	40·5	− 1·2	1	0·01	0·3	− 10
Kent	Tunbridge Wells¶	354	h	51	22nd	23	18th	45·9	34·0	39·9	− 2·2	2	0·05	1	− 13
	Margate ... ¶	51	h	52	22nd	33	18th	46·7	38·6	43·1	− 0·6	3	0·07	2	− 9
	Dungeness ¶	21	t	52	22nd	24	18th	47·0	35·7	41·3	− 2·7	2	0·03	1	− 12
Sussex	St. Leonards ¶	178	h	52	22nd	30	18th	46·7	37·1	41·9	− 2·2	2	0·05	1	− 13
	Worthing	36	h	52	20, 22	28	18th	46·3	36·8	41·5	—	0	0·00	0	—
I. of Wight	Ventnor ... ¶	59	a	54	20th	29	18th	49·1	38·0	43·5	− 2·4	1	0·01	0·2	− 15
Hampshire	Southampton ¶	64	p	54	20th	23	18th	48·1	35·7	41·9	− 1·8	1	0·01	0·3	− 15
Wiltshire	Marlborough ¶	424	a	52	20th	22	18th	46·1	34·0	40·1	− 0·5	1	0·04	1	− 13
	Porton ¶	363	a	52	20th	21	18th	46·6	32·7	39·7	—	0	0·00	0	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	50	22nd	29	17th	46·9	39·1	43·0	+2·1	4	1·41	36	+14
	Newton Rigg ¶	559	p	53	21st	29	17th	47·4	31·9	39·7	+0·5	4	0·74	19	+ 1
Lancashire	Stonyhurst ¶	377	a	52	22nd	29	19th	46·7	34·7	40·7	− 0·4	2	2·20	56	+32
	Blackpool ¶	66	h	53	22nd	29	17th	47·6	39·0	43·3	+1·1	2	0·39	10	− 8
	Southport ¶	37	h	54	22nd	28	17th	46·5	38·8	42·7	+0·5	3	0·24	6	− 10
Manchester	Whitworth Pk. ¶	125	p	52	22nd	25	17th	45·4	37·7	41·5	− 0·6	3	0·15	4	− 11
Cheshire	Liverp'l (Bidston) ¶	189	a	55	22nd	32	17th	46·9	40·6	43·7	+0·8	2	0·07	2	− 11
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	58	22nd	29	18th	49·7	39·4	44·5	+1·2	2	0·08	2	− 10
Carnarvon	Llandudno ¶	22	h	53	22nd	32	17th	50·1	41·4	45·7	+1·1	3	0·30	8	− 8
Anglesey	Holyhead ¶	26	t	53	22nd	34	17th	50·3	43·9	47·1	+2·0	3	0·68	17	− 4
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	53	22nd	26	17th	50·3	37·3	43·8	—	2	0·19	5	—
Pembroke	St. Ann's Hd. ¶	150	t	53	22nd	32	17th	49·7	42·4	46·1	+0·1	1	0·05	1	− 18
Radnor	Rhayader ¶	757	a	52	19th	24	18th	45·3	32·3	38·8	—	1	0·41	11	—
Glamorgan	Cardiff ... ¶	202	p	52	22nd	23	18th	45·9	36·7	41·8	− 0·4	1	0·01	0·3	− 20
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	53	20th	23	18th	46·6	37·6	42·1	− 0·3	1	0·01	0·3	− 14
Dorset	Shaftesbury ¶	722	a	51	20th	23	18th	45·4	33·7	39·5	− 2·2	1	0·01	0·3	− 16
	Portland Bill ¶	19	t	54	20, 22	33	18th	48·9	42·1	45·5	− 1·0	1	0·02	1	− 13
Devon	Arlington ¶	613	a	50	22nd	25	18th	46·9	35·0	41·5	− 1·2	3	0·03	1	− 27
	Cullompton ¶	202	a	53	22nd	21	18th	47·4	31·6	39·5	− 3·3	1	0·01	0·3	− 18
	Plymouth ¶	116	p	52	22nd	25	18th	47·7	37·7	42·7	− 2·7	1	0·01	0·3	− 19
Cornwall	Newquay ...	190	h	52	22nd	25	18th	47·9	39·3	43·6	− 3·0	2	0·07	2	− 16
	Falmouth ¶	167	h	52	22nd	31	18th	49·0	40·7	44·9	− 1·4	0	0·00	0	− 25
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	53	19th	40	17, 19	51·1	45·0	48·1	+3·9	4	0·60	15	− 4
Mayo	Blacksod Point ¶	10	t	55	19th	44	16th	53·3	48·3	50·8	+5·6	3	0·35	9	− 22
	Mallaranny ...	120	a	57	18th	40	16th	53·0	46·9	49·9	—	2	2·83	73	-
Sligo	Markree Castle ¶	122	p	54	18th	39	17th	51·6	44·1	47·9	+5·8	4	1·03	26	+ 1
Armagh	Armagh ... ¶	204	p	52	19, 22	29	17th	50·1	41·6	45·9	+3·7	3	0·50	13	− 4
Down	Donaghadee ¶	35	t	53	18, 19, 22	39	17, 19	51·1	44·1	47·6	+3·9	3	0·23	7	− 11
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	53	18, 19, 22	32	17th	50·7	43·6	47·1	+2·9	3	0·14	4	− 9
King'sCounty	Birr Castle ¶	175	t	55	18, 22	38	17th	50·4	43·7	47·1	+5·2	2	0·47	12	− 4
Kilkenny	Kilkenny ¶	182	a	55	22nd	35	18th	49·7	41·6	45·7	+3·3	3	0·03	2	− 14
Waterford	Waterford ¶	137	a	53	18, 21, 22	31	17, 18	50·4	40·6	45·5	+1·9	2	0·03	1	− 18
	Seskin, Carrick-on-Suir	542	p	52	22nd	34	17th	48·7	42·0	45·3	—	3	0·10	3	—
Limerick	Foynes ... ¶	50	a	56	22nd	37	16th	51·9	43·7	47·8	+3·8	4	0·30	8	− 13
Kerry	Cahirciveen ¶	30	t	54	18, 22	42	16th	52·0	46·6	49·3	+2·9	2	0·44	11	− 17
	Killarney ¶	174	a	55	22nd	39	16, 17	52·6	44·1	48·3	+3·7	1	0·07	2	− 28
Cork	Roche's Point ¶	32	t	53	18, 22	38	18th	51·4	44·6	48·0	+2·2	1	0·02	0·4	− 22
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	54	19th	35	18th	50·9	43·9	47·4	− 1·3	2	0·03	1	− 16
Guernsey	Grange ... ¶	173	p	53	20th	36	18th	50·3	44·3	47·3	− 0·1	1	0·01	0·2	− 20
Jersey	St. Heliers ¶	28	h	54	20th	32	18th	50·4	42·9	46·7	− 0·7	0	0·00	0	− 19

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	0·6	− 1·5	7	0	31	—	—	—	—
Cockle Park §	2·4	+0·3	31	2	26	42·6	+3·4	45·5	+1·5
Tynemouth ...	—	—	—	0	32	—	—	—	—
Durham §	2·3	+0·5	29	5	28	—	—	—	—
Rounton ...	—	—	—	5	21	43·1	—	—	—
West Witton	—	—	—	2	26	41·4	—	46·1	—
Scarborough †§	2·2	+0·6	28	1	29	—	—	48·1	—
York §	1·4	0·0	17	—	—	45·2	+1·8	48·8	+1·0
Spurn Head...	2·0	—	25	—	—	—	—	—	—
Lincoln ...	—	—	—	1	26	43·1	+1·9	48·6	+1·2
Cranwell §	1·2	− 0·7	15	4	16	—	—	—	—
Skegness §	1·6	− 0·7	19	—	—	—	—	—	—
Cromer §	1·2	− 0·6	14	—	—	—	—	—	—
Yarmouth §	0·9	—	11	1	24	44·3	+1·0	49·4	+1·0
Norwich ...	0·2	—	3	6	21	40·9	—	—	—
Geldeston §	0·7	− 1·1	9	—	—	—	—	—	—
Cambridge §	0·2	− 1·5	3	5	20	44·3	+1·6	50·3	+1·8
Rothamsted §	0·5	− 1·3	6	4	21	43·0	—	—	—
Tottenham §	0·7	—	9	—	—	—	—	—	—
Clacton-on-Sea§	1·2	− 0·8	14	1	26	44·3	− 0·6	50·1	+0·6
Southend ...	1·2	—	14	1	29	44·9	—	—	—
Harrogate §	2·0	+0·4	25	3	28	44·1	+1·9	46·6	+1·5
Sheffield §	2·0	+0·5	25	1	24	43·9	+1·7	47·5	+0·2
Buxton ...	1·0	—	12	1	30	41·0	+1·2	47·0	+0·9
Worksop §	1·4	+0·1	18	4	21	43·6	—	47·6	—
Nottingham §	0·6	− 0·6	8	1	26	43·0	+2·5	47·3	+1·5
Birmingham §	0·3	− 0·9	4	2	15	43·3	+0·5	48·6	+0·5
Oundle ...	0·5	—	6	4	16	44·5	—	49·7	—
Oxford §	1·3	− 0·4	16	4	17	—	—	—	—
Cheadle ...	—	—	—	1	23	—	—	—	—
Tenbury ...	—	—	—	5	17	43·7	—	—	—
Malvern ...	1·0	—	12	1	17	43·5	—	48·3	—
Ross on Wye§	1·1	—	13	3	16	43·8	—	48·9	—
Clifton §	1·6	0·0	19	1	28	—	—	—	—
Westminster	0·4	− 0·4	5	4	20	—	—	—	—
Greenwich ...	0·8	− 0·5	10	4	17	—	—	—	—
Hampstead ...	0·9	—	10	5	17	—	—	—	—
Camden Square	—	—	—	1	27	44·2	—	49·9	—
Richmond § (Kew Obs.)	0·4	− 1·0	5	3	21	43·2	+0·7	50·2	+1·7
Wisley §	0·6	− 1·0	7	4	20	44·5	+1·5	49·8	+1·6
Tunbridge W'ls§	1·5	− 0·3	18	5	16	45·9	—	51·4	—
Margate §	2·2	+0·6	26	1	26	45·1	0·0	50·9	+1·8
Folkestone §	3·4	—	40	1	25	—	—	51·9	—
St. Leonards §	2·9	+0·8	33	2	24	44·7	—	51·9	—
Worthing §	2·0	− 0·2	23	1	25	45·1	+0·9	51·4	+1·2
Ventnor §	2·1	− 0·1	24	—	—	—	—	—	—
Southampton§	2·0	+0·2	23	3	18	—	—	—	—
Marlborough§	2·1	+0·7	25	5	20	43·8	—	49·9	—
Porton ...	2·0	—	23	3	17	43·2	—	—	—
Aspatria §	1·1	− 0·7	14	2	27	43·6	+1·3	47·0	0·0
Newton Rigg§	1·8	+0·3	23	5	18	—	—	—	—
Stonyhurst §	1·4	0·0	17	5	25	—	—	—	—
Blackpool §	1·2	− 0·5	15	3	19	44·4	—	49·0	—
Southport §	1·1	− 0·5	14	4	19	40·4	− 0·1	46·2	+0·4
Whitworth Pk.	0·0	− 0·6	0	—	—	—	—	—	—
Oldham Road	0·0	− 0·5	0	2	22	42·0	+0·5	48·8	+0·5
Bidston ...	1·3	—	16	3	27	—	—	—	—
(Ches.)Hoylake§	1·6	− 0·3	19	—	—	—	—	—	—
Llandudno §	2·1	+0·2	26	—	—	—	—	—	—
Holyhead ...	1·9	—	23	1	28	—	—	—	—
Aberystwyth§	2·4	+0·5	29	—	—	—	—	—	—
St. Ann's Hd.§	1·9	0·0	22	—	—	—	—	—	—
Rhayader §	1·0	—	11	5	15	—	—	—	—
Cardiff ...	2·0	—	23	2	22	44·1	+0·9	50·2	+1·4
Bath ... §	1·5	− 0·4	18	—	—	46·4	—	51·7	—
Shaftesbury...	—	—	—	—	—	—	—	49·5	—
Weymouth ...	2·8	—	33	—	—	—	—	—	—
Arlington ...	—	—	—	4	21	—	—	—	—
Cullompton §	1·2	− 0·5	14	5	15	44·4	—	—	—
Plymouth §	2·4	+0·3	28	2	22	44·1	− 1·5	51·5	—
Newquay §	2·2	0·0	25	—	—	47·0	—	52·0	—
Falmouth §	2·3	0·0	26	2	24	45·8	—	51·5	—
Malin Head...	1·2	—	15	—	—	—	—	—	—
Mallaranny ...	0·5	—	6	—	—	—	—	—	—
MarkreeC'stle§	0·0	− 1·6	0	—	—	47·3	+2·6	49·8	+0·7
Armagh §	0·3	− 1·5	4	1	22	45·6	+2·1	48·2	+0·3
Trinity Coll.	—	—	—	2	29	46·2	+1·4	48·9	+0·5
Phœnix Park §	1·0	− 1·1	12	1	28	—	—	—	—
Dublin City ...	—	—	—	1	28	—	—	—	—
Birr Castle §	1·4	− 0·5	17	0	34	—	—	—	—
Seskin ...	1·6	—	19	2	23	—	—	—	—
Cahirciveen (Valencia O.)§	1·0	− 0·9	12	0	38	—	—	—	—
Ballinacurra §	1·0	− 0·8	12	—	—	—	—	—	—
St. Mary's §	2·2	+0·2	26	—	—	—	—	—	—
Grange §	2·2	+0·4	26	1	29	47·7	− 0·1	53·1	+0·9
St. Heliers §	3·6	+1·5	41	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, November 22nd, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	o	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	21	12	16 to 18, 20 to 22	48	89	14	5	0	210	50	22	21	20	69	31	21	19	15
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	15, 20, 21	20	104	41	3	0	260	36	16	21	21	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	21	3	10	122	33	0	220	26	12	21	18	45	20	21	18	25
Edinburgh Edinburgh ...	485	39	31	—	0	20 to 22	19	89	28	32	0	250	37	17	21	21	57	26	21	12	45
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	21	1	42	84	41	0	220	25	11	21	15	56	25	21	15	35
Dumfries Eskdalemuir ...	825	50	22	22	3	21, 22	19	33	63	50	0	240	43	19	22	4	59	26	22	3	45
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	21	1	53	96	18	0	230	25	11	21	21	44	20	21	14	0
York, E.R. Spurn Head ...	67	41	‡	—	0	—	0	84	83	1	0	240	23	10	22	24	31	14	22	9	10
Lincoln Cranwell ...	280	43	31	—	0	—	0	39	(90)	(39)	0	230	21	9	22	11	30	13	22	22	0
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	31	110	27	0	220	18	8	22	10	26	12	22	10	5
Essex Shoeburyness...	103	90	‡	—	0	—	0	37	126	5	0	280	18	8	22	13	34	15	22	13	20
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	20	91	57	0	230	15	7	22	11	29	13	22	10	35
Surrey Croydon ...	284	40	24	—	0	—	0	23	79	66	0	240	18	8	22	13	22	10	22	11	25
Kent Lympne ...	409	70	‡	—	0	—	0	41	124	3	0	270	19	9	22	12	29	13	22	13	30
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	30	95	4	39	30	19	9	16	20	32	14	22	4	35
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	39	106	23	0	240	24	11	22	12	35	16	22	12	0
Wiltshire Larkhill ...	513	63	43	—	0	—	0	32	(115)	(21)	0	220	17	8	22	11	24	11	22	11	30
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	21, 22	12	50	59	47	0	230	28	13	22	4	45	20	22	3	45
Lancashire Southport ...	80	62	48	—	0	21, 22	34	45	75	14	0	250	38	17	22	3	49	22	21	23	5
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	21, 22	15	88	58	7	0	230	28	13	21	{15 16	45	20	21	16	10
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	—	0	17	102	49	0	—	17	8	22	24	24	11	22	17	30
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	21	1	21, 22	13	45	93	16	0	230	39	17	21	21	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	22	1	54	50	63	0	210	24	11	22	14	36	16	21	14	50
Cork Weaver Pt. ...	160	30	‡	—	0	22	4	37	54	73	0	—	26	12	22	23	41	18	22	22	55
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	—	0	45	99	24	0	240	17	8	22	2	26	12	22	1	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.

§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	19	13	6·0	13	7	3·0	11	5	2·4	9	6	2·6	13	10	4·5	10	6	2·9	12	11	4·8	17	10	4·3
North	8	4	1·6	5	3	1·2	12	4	1·9	8	6	2·7	11	7	2·9	11	9	3·9	5	3	1·3	0	—	—
West	23	11	4·8	23	16	7·1	18	6	2·6	12	5	2·1	19	12	5·3	7	10	4·5	24	11	4·7	11	3	1·5
East	2	4	1·8	0	—	—	6	11	5·0	4	5	2·4	5	9	4·2	12	5	2·1	1	9	4·0	5	3	1·1
Calm (or wind-speed < 4 m.p.h.)	1	—	—	5	—	—	4	—	—	11	—	—	4	—	—	3	—	—	3	—	—	11	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	1	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director.

27th November, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-EIGHTH WEEK of 1924—November 23rd to November 29th, 1924.

DISTRICTS (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	59	32	49·7	43·7	46·7	+6·5	33	+22	0	- 23	6	+ 1	1·20	30	- 9	0·7	- 0·1	11	995
Eastern.																			
1. SCOTLAND, EAST ...	55	30	49·3	41·5	45·4	+5·8	25	+14	1	- 26	5	+ 1	0·76	19	+ 2	1·7	+0·5	24	997
2. ENGLAND, N.E. ...	58	30	50·1	41·8	45·9	+4·6	28	+15	1	- 18	5	+ 1	0·54	14	- 1	1·4	0·0	18	1002
3. ENGLAND, EAST ...	55	33	50·4	42·6	46·5	+5·1	31	+16	0	- 19	6	+ 2	0·67	17	+ 2	0·6	- 0·9	7	1006
4. MIDLAND COUNTIES	57	26	50·4	41·6	46·0	+5·1	29	+15	1	- 21	5	+ 1	1·01	26	+ 9	1·2	- 0·1	15	1002
5. ENGLAND, S.E. ...	57	32	51·8	44·3	48·0	+5·1	42	+22	0	- 14	5	+ 1	1·37	35	+17	0·7	- 0·9	8	1005
Western.																			
6. SCOTLAND, WEST[1] ...	56	35	51·3	43·8	47·6	+5·6	39	+23	0	- 16	7	+ 2	1·62	41	+11	0·6	- 0·5	7	997
7. ENGLAND, N.W.[2] ...	57	31	51·2	43·9	47·6	+5·1	39	+22	0	- 13	6	+ 1	0·95	24	0	1·5	+0·2	20	999
8. ENGLAND, S.W.[3] ...	56	27	51·8	44·2	48·0	+4·1	42	+18	0	- 10	6	+ 1	1·94	49	+23	1·0	- 0·7	12	1000
9. IRELAND, NORTH ...	57	31	50·6	42·9	46·8	+4·2	34	+16	0	- 13	7	+ 2	2·17	55	+33	1·9	+0·6	25	994
10. IRELAND, SOUTH ...	58	27	50·7	43·4	47·1	+3·2	36	+11	0	- 12	7	+ 2	2·36	60	+36	1·3	- 0·3	16	995
11. CHANNEL ISLANDS[4]	56	38	52·9	46·0	49·5	+2·0	53	+13	0	- 1	6	+ 1	1·18	30	+ 5	1·7	- 0·1	21	1001
MEAN: DISTRICTS 1-10	58	26	50·8	43·0	46·9	+4·8	35	+17	0	- 16	6	+ 1	1·34	34	+13	1·2	- 0·2	15	1000

THE SEASON (Autumn).—Aggregates, &c., for the Period of 13 Weeks, August 31st to November 29th, 1924.

0. SCOTLAND, NORTH...	73	27	53·2	43·6	48·3	+1·9	591	+75	23	- 84	57	- 6	13·62	345	- 24	2·8	+ 0·5	27	1008
Eastern.																			
1. SCOTLAND, EAST ...	70	20	53·3	41·6	47·3	+1·0	547	+12	63	- 76	55	+ 3	9·19	233	+16	3·1	+ 0·3	30	1009
2. ENGLAND, N.E. ...	71	27	55·5	45·1	50·2	+1·8	767	+107	24	- 52	51	+ 3	7·00	177	0	3·1	0·0	30	1012
3. ENGLAND, EAST ...	72	22	57·0	46·7	51·7	+2·3	905	+151	23	- 58	51	+ 4	8·89	226	+52	2·8	- 0·6	27	1014
4. MIDLAND COUNTIES	72	21	55·8	44·5	50·0	+1·7	764	+85	39	- 66	48	+ 1	9·71	248	+61	2·5	- 0·5	24	1013
5. ENGLAND, S.E. ...	73	21	57·3	47·2	52·2	+1·6	947	+104	22	- 37	49	+ 2	10·52	268	+49	3·0	- 0·6	28	1014
Western.																			
6. SCOTLAND, WEST[1] ...	72	23	54·7	43·7	49·0	+1·1	674	+47	36	- 45	54	0	13·04	332	- 9	2·8	0·0	27	1011
7. ENGLAND, N.W.[2] ...	72	20	55·3	45·8	50·4	+1·3	787	+83	20	- 40	56	+ 3	10·40	263	+ 1	3·0	+ 0·1	29	1012
8. ENGLAND, S.W.[3] ...	71	21	56·3	47·0	51·5	+1·0	882	+62	18	- 27	54	0	15·13	383	+90	2·8	- 0·6	27	1013
9. IRELAND, NORTH ...	69	25	55·0	45·4	50·1	+1·5	737	+71	4	- 58	61	+ 2	12·57	318	+51	2·7	- 0·1	26	1009
10. IRELAND, SOUTH ...	73	24	56·1	46·2	51·0	+1·1	822	+46	5	- 50	62	+ 8	14·49	366	+92	2·7	- 0·5	26	1011
11. CHANNEL ISLANDS[4]	72	32	58·0	50·9	54·4	+0·5	1126	+37	0	- 4	50	- 7	11·07	283	+14	3·6	- 0·5	34	1014
MEAN: DISTRICTS 1-10	73	20	55·6	45·3	50·3	+1·4	783	+77	25	- 51	54	+ 3	11·09	281	+40	2·9	- 0·3	27	1012

THE YEAR. Aggregates, &c., for the Period of 48 Weeks, December 30th, 1923, to November 29th, 1924.

0. SCOTLAND, NORTH...	81	12	51·8	41·7	46·6	+0·5	2003	- 21	471	-152	217	- 7	43·01	1092	- 69	3·3	0·0	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·2	40·1	45·9	- 0·6	1989	-242	671	- 52	209	+19	29·89	757	+ 39	3·4	- 0·5	27	1010
2. ENGLAND, N.E. ...	87	16	54·4	42·3	48·1	- 0·1	2606	+ 7	540	+14	171	- 1	24·15	612	+ 33	3·9	- 0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·2	43·7	49·7	+0·4	3087	+103	499	- 49	170	+ 3	26·17	663	+110	4·4	- 0·2	35	1014
4. MIDLAND COUNTIES	87	15	55·6	42·1	48·6	- 0·1	2770	- 93	555	- 44	175	+ 9	30·39	774	+158	3·6	- 0·5	28	1013
5. ENGLAND, S.E. ...	86	17	56·4	44·3	50·1	- 0·2	3144	- 70	420	+ 4	168	+ 5	30·63	780	+152	4·7	- 0·1	37	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·5	41·9	47·5	- 0·5	2330	-164	489	+18	206	+ 7	40·67	1032	- 39	3·4	- 0·5	27	1011
7. ENGLAND, N.W.[2] ...	85	20	54·2	43·8	48·8	- 0·1	2671	- 64	386	- 34	199	+16	33·43	847	+ 35	3·8	- 0·3	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·2	44·6	49·7	- 0·4	2923	-135	327	- 2	185	+ 2	42·28	1071	+192	4·0	- 0·5	32	1013
9. IRELAND, NORTH ...	73	18	54·1	43·7	48·8	+0·2	2557	- 44	291	- 84	232	+14	38·47	975	+ 97	3·3	- 0·4	26	1010
10. IRELAND, SOUTH ...	75	21	55·7	44·8	50·1	0·0	2936	- 82	231	- 66	221	+27	40·88	1038	+127	3·5	- 0·7	28	1012
11. CHANNEL ISLANDS[4]	83	39	56·5	48·3	52·2	- 0·4	3529	-138	88	- 16	184	- 6	31·62	806	+ 66	5·0	- 0·4	40	1014
MEAN: DISTRICTS 1-10	87	2	54·7	43·1	48·7	- 0·1	2701	- 78	441	- 29	194	+10	33·69	855	+ 90	3·8	- 0·4	30	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*).
Comparison with the normal for the time of year ..	Warmth ..	Very Unusual	Very Unusual	Unusual	Unusual	Very Unusual	Very Unusual	Very Unusual	Very Unusual	Unusual	Unusual	Unusual	Unusual
	Rainfall ..	Moderate	Moderate	Moderate	Heavy	Heavy	Heavy	Heavy	Moderate	Heavy	Very Heavy	Very Heavy	Moderate
	Sunshine ..	Moderate	Abundant	Moderate	Scanty	Moderate	Scanty	Scanty	Moderate	Scanty	Abundant	Scanty	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

AUTUMN. 13 weeks from August 31st, 1924	Warmth ..	6, 6, 1	4, 8, 1	8, 5, 0	9, 4, 0	7, 6, 0	6, 6, 1	5, 6, 2	4, 9, 0	4, 7, 2	7, 5, 1	6, 5, 2	3, 10, 0
	Rainfall ..	4, 3, 6	4, 3, 6	5, 3, 5	7, 3, 3	7, 2, 4	5, 4, 4	4, 5, 4	4, 4, 5	6, 3, 4	4, 4, 5	6, 4, 3	4, 4, 5
	Sunshine ..	5, 7, 1	6, 5, 2	3, 6, 4	0, 9, 4	1, 8, 4	1, 6, 6	4, 4, 5	4, 6, 3	3, 4, 6	3, 6, 4	0, 7, 6	1, 8, 4

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Shallow low pressure systems dominated the weather over the British Isles during the week and unsettled conditions prevailed generally. There was a good deal of cloud and the total amount of rainfall over the country as a whole was in excess of the normal. The winds were mainly south-westerly to south-easterly in direction and in several places gales were experienced. On the 27th, there was a severe gale, notably over the eastern and south-eastern parts of England, when a good deal of damage was done both inland and on the coast. Gusts of 72 m.p.h. occurred at Petersfield and South Farnborough. Maximum temperatures of 55°F. and above were recorded at a number of places on various days, the highest readings, 59°F., being registered at Onich (Inverness) and Torquay on the 25th. Screen minima of 32°F. or slightly below occurred in a few places, but ground frosts were general and in some parts grass minimum temperatures round about 20°F. were obtained. The mean temperature for the week was considerably above the normal in all Districts and the average excess was nearly 5°F. Among the largest measurements of rainfall recorded during the week were :—27mm. at Eskdalemuir on the 23rd, 30mm. at Cahirciveen (Valencia Observatory) and 28mm. at Mallarany (Mayo) on the 24th, 27mm. at Roches Point on the 25th, 30mm. at Markree Castle (Sligo) and 28mm. at Seskin (Carrick-on-Suir) on the 26th, while in several other places falls varying between 20mm. and 25mm. were registered. Thunderstorms occurred at Falmouth on the 25th and at Waterford on the 29th. The departure of the mean daily duration of sunshine from the normal for the week ranged from +0·7 hr. at Cranwell, Nottingham, Manchester and Armagh to −1·3 hrs. at Tunbridge Wells. Aurora was seen on the 24th at Aberdeen, Gordon Castle (Elgin) and Armagh. Solar halos were observed at Oxford on the 24th, 25th and 29th. The Zodiacal Light was seen at Oxford on the 27th.

As will be seen from the table on page 193, the rainfall for the autumn season was rather heavy in most Districts. The mean temperature and sunshine may be classified as moderate.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.			Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
			Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
0. SCOTLAND, N.															
Shetlands	Lerwick	¶	54	‡	50	24, 25	41	24th	48·4	45·3	46·9	+5·7	6	1·00	25
Orkneys	Deerness ...	...	160	p	51	24, 26	42	24th	49·1	44·9	47·0	+5·8	6	1·11	28
Hebrides	Stornoway	¶	51	‡	52	25, 26	37	28th	49·0	41·9	45·5	+4·2	7	1·83	47
	Castlebay ...	...	37	‡	53	23rd	43	29th	49·7	45·7	47·7	—	7	1·30	33
Caithness	Wick ...	¶	81	‡	51	24, 26	42	23, 24	48·7	45·0	46·9	+6·5	6	0·71	18
Ross and Cromarty	Strathpeffer	¶	125	a	54	25, 26	32	29th	49·7	40·3	45·0	+5·5	3	0·18	5
	Achnashellach	¶	225	h	56	26th	36	29th	50·3	43·4	46·9	—	7	1·69	43
Inverness	Inverness ...	...	242	h	54	26th	32	29th	49·6	42·1	45·9	—	3	0·21	5
	Fort Augustus	¶	68	a	—	—	—	—	—	—	—	—	—	—	—
	Onich ...	¶	48	h	59	25th	41	29th	52·4	45·9	49·1	—	7	1·78	45
1. SCOTLAND, E.															
Nairn	Nairn ...	¶	82	‡	54	26th	30	29th	49·4	41·4	45·4	+5·8	2	0·13	3
Elgin	Gordon Castle	¶	101	p	54	24th	30	29th	50·4	40·9	45·7	+5·1	4	0·45	11
Aberdeen	Aberdeen ...	¶	46	‡	51	24, 26	39	23rd	48·3	44·1	46·2	—	5	1·22	31
	Balmoral ...	¶	930	a	49	23, 24, 26	38	28, 29	46·9	40·9	43·9	+7·1	7	1·18	30
Perth	Crieff ...	¶	478	p	52	24th	34	29th	49·1	40·9	45·0	+5·3	7	1·05	27
Forfar	Dundee ...	...	147	a	52	23rd	36	29th	49·4	42·0	45·7	—	7	1·30	33
Fife	Inchkeith ...	¶	190	‡	54	23rd	38	29th	50·0	44·9	47·5	—	5	0·41	11
Midlothian	Edinburgh	...	441	p	55	23rd	34	29th	50·3	41·7	46·0	+5·3	6	0·43	11
Peebles	West Linton	¶	770	a	55	25, 26	32	28, 29	51·1	40·4	45·7	+9·2	7	0·82	21
Berwick	Marchmont	¶	498	a	55	23rd	30	29th	49.1	38·4	43·7	+4·5	7	0·81	21
6a. SCOTLAND, W.															
Argyll	Ford ...	¶	149	a	56	26th	39	27, 29	51·6	42·1	46·9	—	7	2·27	58
Renfrew	Renfrew ...	¶	36	‡	55	23rd	35	29th	51·3	44·3	47·8	—	7	1·24	32
Bute	Rothesay ...	¶	200	p	53	23, 24	38	29th	50·7	43·4	47·1	+4·8	7	1·73	44
Ayr	Kilmarnock	¶	90	a	54	23rd	36	28th	51·9	43·0	47·5	+7·1	7	1·20	31
	Colmonell...	¶	170	a	56	23rd	37	29th	51·7	44·6	48·1	+6·0	7	2·44	62
Dumfries	Dumfries ...	¶	140	p	55	23, 29	37	28, 29	51·1	43·3	47·2	+6·4	7	0·98	25
	Eskdalemuir	...	794	‡	53	23rd	31	29th	47·4	40·7	44·1	—	7	2·19	55

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·1	—	1	—	—	—	—	—	—
Deerness §	0·4	− 0·5	6	—	—	—	—	—	—
Stornoway §	0·1	− 0·9	2	—	—	—	—	—	—
Castlebay ...	0·8	—	11	—	—	—	—	—	—
Achnashellach	—	—	—	2	24	—	—	—	—
Inverness §	1·7	—	23	1	24	—	—	—	—
Onich ...	0·9	—	13	0	33	—	—	—	—
Nairn §	2·1	—	30	—	—	—	—	—	—
Gordon Castle	1·7	—	24	—	—	—	—	—	—
Aberdeen §	1·3	0·0	18	1	29	—	—	46·1	+2·0
Balmoral ...	—	—	—	1	25	—	—	—	—
(Kinc.)Crathes §	—	—	—	3	23	43·7	—	44·8	—
Dundee §	1·7	—	23	1	30	43·7	—	—	—
Inchkeith ...	2·0	—	27	1	30	—	—	—	—
Edinburgh §	2·0	+0·5	27	1	30	—	—	—	—
West Linton...	—	—	—	2	26	—	—	—	—
Marchmont §	1·5	+0·2	20	—	—	—	—	—	—
Ford ...	—	—	—	0	31	46·3	—	47·6	—
Renfrew ...	1·8	—	24	1	29	—	—	—	—
Rothesay §	0·7	0·0	10	0	35	46·3	—	47·7	+2·2
Kilmarnock ...	1·6	—	22	—	—	45·9	—	47·0	—
Colmonell ...	—	—	—	0	31	—	—	—	—
Dumfries ...	0·5	—	7	0	32	46·1	+5·6	46·6	+1·8
Eskdalemuir §	0·4	− 0·6	5	1	26	—	—	—	—

*‡ signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L., of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	54	23rd	39	28th	51·0	45·7	48·3	+4·6	7	1·47	37	+10
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	56	23rd	32	28th	50·0	40·0	45·0	+5·4	6	0·67	17	- 1
	Tynemouth ¶	118	t	58	23rd	38	29th	50·1	44·6	47·3	+5·8	5	0·47	12	- 3
Durham	Durham ... ¶	336	p	55	23rd	30	28th	49·4	39·6	44·5	+4·4	5	0·53	13	- 1
York,	Rounton ... ¶	249	p	54	23rd	34	28th	49·0	41·0	45·0	+5·0	6	0·54	14	- 1
N. Riding	West Witton ...	605	a	55	23rd	34	28, 29	48·7	40·9	44·8	—	6	0·86	22	—
	Scarborough ¶	118	h	56	24th	37	28th	50·9	43·7	47·3	+5·2	5	0·47	12	- 4
	York ... ¶	56	p	57	23rd	35	28th	50·4	41·4	45·9	+4·8	6	0·70	18	+ 3
E. Riding	Spurn Head ¶	26	t	54	23rd	38	28th	49·9	43·9	46·9	+4·5	4	0·54	14	+ 1
Lincoln	Lincoln ... ¶	58	a	55	23rd	35	28, 29	51·3	41·6	46·5	+5·7	5	0·42	11	- 3
	Cranwell ... ¶	236	t	55	23rd	34	29th	49·6	40·7	45·1	+4·2	5	0·45	11	- 4
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	54	29th	37	25, 29	50·5	41·9	46.2	+4·3	6	0·36	9	- 4
	Yarmouth ... ¶	13	t	54	23, 29	39	28, 29	50·0	43·1	46·5	+4·7	6	0·72	18	+ 3
	Norwich ... ¶	93	a	54	23rd	35	29th	50·9	42·0	46·5	+5·6	7	0·45	11	- 5
	Geldeston ... ¶	37	a	55	23, 29	37	29th	51·6	42·4	47·0	+5·3	5	0·54	14	- 1
Cambridge	Cambridge ¶	41	p	54	29th	34	28th	50·9	42·1	46·5	+5·5	6	0·58	15	+ 3
Hertford	Rothamsted ¶	420	a	52	29th	33	28, 29	49·4	40·6	45·0	+4·2	5	1·13	29	+12
Middlesex	Tottenham ¶	51	p	55	23rd	40	28, 29	50·9	44·1	47·5	—	6	0·69	18	-
Essex	Clacton-on-Sea ¶	55	t	54	23rd	39	29th	48·9	44·6	46·7	+4·8	6	0·89	23	+11
	Southend	90	h	55	29th	41	28, 29	49·0	44·1	46·5	—	6	1·30	33	-
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	54	23rd	33	29th	47·9	41·3	44·6	+4·6	6	0·78	20	+ 2
W. Riding	Sheffield	429	p	57	23rd	35	28th	50·3	41·9	46·1	—	6	0·95	24	+ 5
Derby	Buxton	987	p	51	23, 24	32	28th	48·3	40·4	44·3	+5·7	6	1·25	32	- 1
Nottingham	Worksop(Hods'ck)¶	56	a	57	23rd	31	28th	51·0	41·1	46·1	+5·2	5	0·62	16	+ 2
	Nottingham ¶	192	a	54	23rd	35	28th	51·0	42·4	46·7	+6·1	5	0·65	17	+ 4
Warwick	Birmingham (Edg)¶	525	t	54	23rd	35	28th	50·0	42·6	46·3	+5·2	6	0·80	20	+ 4
Northampton	Oundle ... ¶	147	a	54	23, 29	34	28th	50·6	40·9	45·7	—	5	0·60	15	-
Oxford	Oxford ... ¶	208	p	55	29th	35	28th	51·4	43·7	47·5	+5·8	5	0·90	23	+ 8
Stafford	Cheadle ... ¶	646	a	53	23rd	30	28th	49·0	38·7	43·9	+4·0	6	0·95	24	+ 4
Worcester	Tenbury ... ¶	313	p	55	25th	26	28th	50·7	42·1	46·4	+4·9	5	1·35	34	+20
	Malvern	377	h	53	23, 25	35	28th	49·7	43·7	46·7	—	6	1·07	27	-
Hereford	Hereford ... ¶	291	a	54	23, 25	29	28th	50·6	40·7	45·7	+4·4	5	1·84	47	+30
Gloucester	Clifton ... ¶	225	a	55	25th	34	28th	51·9	42·7	47·3	+4·3	5	1·57	40	+18
5. ENGLAND, S.E.															
London	Westminster ...	27	a	55	23, 29	40	28th	53·3	44·9	49·1	+5·9	6	0·61	15	+ 3
	Greenwich ‡ ...	149	a	55	23rd	38	28, 29	52·0	43·0	47·5	+5·4	6	1·00	25	+12
	Hampstead ...	450	p	53	23rd	40	28th	50·4	43·0	46·7	—	6	0·79	20	—
	Camden Square ...	110	a	54	23rd	40	28th	51·7	44·4	48·1	+5·7	6	0·72	18	+ 5
Surrey	Richmond (KewO)¶	18	t	55	23rd	38	28th	51·4	45·0	48·2	+6·0	5	0·70	18	+ 5
	Wisley ... ¶	150	a	56	23rd	37	28th	52·3	43·3	47·8	+6·2	6	1·03	26	+13
Kent	Tunbridge Wells ¶	354	h	54	25th	39	29th	51·3	43·4	47·3	+5·4	6	2·04	52	+35
	Margate ... ¶	51	h	55	23rd	40	24, 29	51·0	44·6	47·8	+4·4	6	1·02	26	+13
	Dungeness ¶	21	t	54	27th	40	24th	51·3	46·4	48·9	+5·2	6	1·81	46	+30
Sussex	St. Leonards ¶	178	h	54	25, 26	40	24th	51·3	45·7	48·5	+4·7	6	1·39	35	+17
	Worthing	36	h	54	23, 25, 29	40	28th	50·6	46·0	48·3	—	6	0·86	22	—
I. of Wight	Ventnor ... ¶	59	a	55	23, 29	42	24th	53·6	46·4	50·0	+4·3	5	0·73	19	+ 1
Hampshire	Southampton ¶	64	p	57	23rd	39	28th	53·0	44·9	48·9	+5·3	5	1·22	31	+12
Wiltshire	Marlborough ¶	424	a	54	25th	32	28th	51·3	40·9	46·1	+5·6	5	1·81	46	+28
	Porton ¶	363	a	54	23, 25	32	28th	51·9	41·9	46·9	—	5	1·95	50	-
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	55	26th	37	28th	50·1	43·9	47·0	+6·2	6	0·78	20	- 7
	Newton Rigg ¶	559	p	55	23, 24	31	28, 29	49·4	39·6	44·5	+5·3	7	1·16	29	+ 5
Lancashire	Stonyhurst ¶	377	a	53	23, 25	35	28th	50·0	42·1	46·1	+5·1	5	0·79	20	- 9
	Blackpool ¶	66	h	54	23, 25	35	28th	50·6	44·3	47·5	+5·4	6	0·78	20	- 1
	Southport ¶	37	h	54	23, 25	35	28th	50·6	44·2	47·4	+5·3	6	0·71	18	- 2
Manchester	Whitworth Pk. ¶	125	p	56	27th	35	28th	52·4	43·7	48·1	+6·0	6	0·66	17	- 2
Cheshire	Liverp'l (Bidston) ¶	189	a	56	23rd	36	28th	50·7	44·4	47·5	+4·7	6	1·00	25	+ 9
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	56	23, 25	35	28th	52·6	44·4	48·5	+5·2	5	0·95	24	+10
Carnarvon	Llandudno ¶	22	h	57	23rd	38	28th	53·4	45·6	49·5	+4·9	5	0·57	15	- 5
Anglesey	Holyhead ¶	26	t	54	25th	41	28th	52·0	46·7	49·3	+4·2	6	1·86	47	+20
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	55	25, 26, 29	38	28th	53·3	45·4	49·3	—	6	0·85	22	—
Pembroke	St. Ann's Hd. ¶	150	t	55	25th	42	27th	52·0	47·7	49·9	+4·1	6	1·39	35	+11
Radnor	Rhayader ¶	757	a	53	25th	30	28th	49·4	41·1	45·3	—	5	2·35	60	-
Glamorgan	Cardiff ... ¶	202	p	54	26th	33	28th	51·3	43·1	47·2	+5·1	5	1·99	51	+25
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	56	25th	31	28th	51·9	45·1	48·5	+6·3	6	1·51	38	+20
Dorset	Shaftesbury ¶	722	a	54	23rd	38	28th	51·0	41·7	46·3	+5·0	6	1·76	45	+26
	Portland Bill ¶	19	t	56	25th	43	27th	53·4	47·7	50·5	+4·3	6	1·94	49	+32
Devon	Arlington ¶	613	a	53	25, 29	33	28th	50.7	41·5	46·1	+3·7	5	1·67	42	+ 7
	Cullompton ¶	202	a	56	23rd	27	28th	52·7	41·7	47·2	+4·6	6	2·44	62	+40
	Plymouth ¶	116	p	55	25, 29	34	28th	53·4	45·7	49·5	+4·2	6	2·35	60	+36
Cornwall	Newquay ...	190	h	55	24, 25, 26	35	28th	52·8	44·9	48·9	+2·4	6	1·30	33	+10
	Falmouth ¶	167	h	56	25th	36	28th	52·6	46·3	49·5	+3·3	6	2·05	52	+21
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	53	23, 25	37	28th	49·7	43·4	46·5	+2·8	7	1·89	48	+30
Mayo	Blacksod Point ¶	10	t	56	24th	35	28th	49·7	41·7	45·7	+0·8	6	1·77	45	+14
	Mallarany ...	120	a	54	23rd	37	28, 29	49·0	42·0	45·5	—	7	2·96	75	—
Sligo	Markree Castle ¶	122	p	55	23rd	32	28th	50·6	41·1	45·9	+4·2	7	3·10	79	+54
Armagh	Armagh ... ¶	204	p	55	23rd	33	28th	51·4	42·7	47·1	+5·5	6	1·78	45	+29
Down	Donaghadee ¶	35	t	57	23rd	36	28th	52·0	46·1	49·1	+6·0	7	2·22	56	+39
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	58	23rd	36	28th	52·7	44·9	48·8	+5·0	6	1·52	39	+25
King'sCounty	Birr Castle ¶	175	t	55	23rd	31	28th	50·3	42·7	46·5	+4·9	7	2·26	57	+40
Kilkenny	Kilkenny ¶	182	a	56	23rd	27	28th	50·3	40·6	45·5	+3·5	7	2·50	63	+45
Waterford	Waterford ¶	137	a	54	25th	32	28th	50·9	43·0	46·9	+3·5	7	3·03	77	+55
	Seskin, Carrick-on-Suir	542	p	54	23rd	31	28th	49·1	41·1	45·1	—	7	3·11	79	—
Limerick	Foynes ... ¶	50	a	56	23rd	33	28th	50·1	41·9	46·0	+2·2	7	1·58	40	+16
Kerry	Cahirciveen ¶	30	t	54	23rd	36	28th	50·9	44·9	47·9	+1·7	7	3·07	78	+45
	Killarney ¶	174	a	55	23rd	35	28th	49·8	43·5	46·7	+2·3	7	2·17	55	+20
Cork	Roche's Point ¶	32		53	23, 24, 25	37	28th	51·0	46·0	48·5	+2·9	6	2·73	69	+43
11. CHANNEL ISLES & SCILLY.							26, 27								
Scilly	St. Mary's ¶	131	t	55	25, 29	44	28	52·9	47·3	50·1	+1·9	5	1·44	37	+14
Guernsey	Grange ... ¶	173	p	56	25th	39	24th	53·1	44·6	48·9	+2·2	6	1·28	32	+ 6
Jersey	St. Heliers ¶	28	h	56	25th	38	24th	52·7	46·1	49·4	+2·7	6	0·83	21	- 4

Stations reporting Sunshine and Temperature on the Grass and in the Ground		Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §		0·6	- 1·0	7	0	32	—	—	—	—
Cockle Park §		1·7	0·0	22	1	30	44·8	+6 0	45·9	+2·8
Tynemouth ...		—	—	—	0	36	—	—	—	—
Durham §		1·4	- 0·1	18	2	27	—	—	—	—
Rounton ...		—	—	—	3	25	45·0	—	—	—
West Witton		—	—	—	2	27	43·7	—	45·7	—
Scarborough †§		1·0	- 0·2	13	1	30	—	—	47·4	—
York §		0·6	- 0·4	8	—	—	45 9	+3·3	48·0	+1·3
Spurn Head...		2·1	—	27	—	—	—	—	—	—
Lincoln ...		—	—	—	0	32	45·0	+4·4	47·6	+1·3
Cranwell §		2·1	+0·7	27	3	27	—	—	—	—
Skegness §		1·4	- 0·4	18	—	—	—	—	—	—
Cromer §		0·9	- 0·6	12	—	—	—	—	—	—
Yarmouth §		0·5	—	6	0	35	45·4	+2·6	48·9	+1·4
Norwich ...		1·0	—	12	1	28	44·1	—	—	—
Geldeston §		0·8	- 0·8	10	—	—	—	—	—	—
Cambridge §		0·7	- 0·8	8	2	29	46·3	+4·1	49·4	+2·0
Rothamsted §		0·3	- 1·2	4	1	27	45·0	—	—	—
Tottenham §		0·0	—	0	—	—	—	—	—	—
Clacton-on-Sea§		0·7	- 0·9	9	0	36	46·5	+2·3	49·1	+0·5
Southend ...		0·6	—	7	0	37	46·8	—	—	—
Harrogate §		0·6	- 0·8	8	2	28	45·2	+3·7	46·3	+2·2
Sheffield §		0·9	- 0·4	11	2	28	45·1	+3·6	46·9	+0·6
Buxton ...		0·7	—	9	0	31	43·5	+4·1	46·3	+1·2
Worksop §		0·9	- 0·2	12	3	25	45·2	—	47·1	—
Nottingham §		1·8	+0·7	22	1	27	44·9	+4·6	46·8	+2·1
Birmingham §		1·6	+0·5	20	1	30	45·7	+3·1	47·9	+0·4
Oundle ...		1·1	—	13	1	29	46 0	—	48·9	—
Oxford §		1·1	- 0·5	13	1	28	—	—	—	—
Cheadle ...		—	—	—	1	30	—	—	—	—
Tenbury ...		—	—	—	1	21	45·8	—	—	—
Malvern ...		1·2	—	14	1	28	45·7	—	47·8	—
Ross on Wye§		1·7	—	21	1	21	46·4	—	48·4	—
Clifton §		1·3	- 0·2	16	0	33	—	—	—	—
Westminster		0·4	- 0·3	5	0	31	—	—	—	—
Greenwich ...		0·3	- 0·9	4	2	28	—	—	—	—
Hampstead ...		0·3	—	4	0	31	—	—	—	—
Camden Square		—	—	—	0	36	46·3	—	49·0	—
Richmond § (Kew Obs.)		0·5	- 0·7	6	2	30	46·2	+3·9	49·3	+1·8
Wisley §		0·8	- 0·6	10	2	28	47·1	+4·3	49·0	+1·7
Tunbridge W'ls§		0·3	- 1·3	3	0	33	47·7	—	50·3	—
Margate §		0·6	- 0·8	8	0	35	47·5	+2·8	50·0	+1·9
Folkestone §		0·6	—	8	0	37	—	—	51·0	—
St. Leonards §		0·7	- 1·1	9	0	40	47·6	—	50·6	—
Worthing §		0·9	- 1·0	10	0	36	47·9	+3·8	50·5	+1·4
Ventnor §		0·9	- 0·9	11	—	—	—	—	—	—
Southampton§		0·7	- 0·9	8	0	32	—	—	—	—
Marlborough§		0·5	- 0·7	7	1	29	46·2	—	49·2	—
Porton ...		0·7	—	8	1	29	46·2	—	—	—
Aspatria §		1·4	0·0	19	0	33	46·3	+4·3	47·2	+1·0
Newton Rigg§		1·3	+0·1	17	2	25	—	—	—	—
Stonyhurst §		1·1	0·0	14	1	28	—	—	—	—
Blackpool §		1·2	- 0·1	15	0	32	47·0	—	48·5	—
Southport §		1·8	+0·5	23	1	30	45·4	+5·2	46·7	+2·0
Whitworth Pk.		1·2	+0·7	15	—	—	—	—	—	—
Oldham Road		0·5	+0·1	6	0	32	45·5	+4·3	48·0	+0·9
Bidston ..		2·1	—	27	1	30	—	—	—	—
(Ches.)Hoylake§		2·0	+0·5	26	—	—	—	—	—	—
Llandudno §		1·5	0·0	20	—	—	—	—	—	—
Holyhead ...		1·5	—	19	0	38	—	—	—	—
Aberystwyth§		1·8	+0·2	22	—	—	—	—	—	—
St. Ann's Hd.§		1·1	- 0·5	13	—	—	—	—	—	—
Rhayader §		1·1	—	14	1	20	—	—	—	—
Cardiff ...		1·3	—	17	1	27	46·5	+3·5	49·2	+1·3
Bath ... §		1·0	- 0·7	12	—	—	48·0	—	50·8	—
Shaftesbury...		—	—	—	—	—	—	—	48·4	—
Weymouth ...		0·7	—	8	—	—	—	—	—	—
Arlington ...		—	—	—	1	28	—	—	—	—
Cullompton §		0·4	- 1·1	5	1	22	46·9	—	—	—
Plymouth §		0·7	- 1·1	9	1	29	47·8	+2·2	50·6	—
Newquay §		1·0	- 0·9	12	—	—	48·8	—	51·1	—
Falmouth §		0·9	- 1·2	10	1	29	48·3	—	51·0	—
Malin Head...		2·0	—	27	—	—	—	—	—	—
Mallarany ...		1·1	—	14	—	—	—	—	—	—
MarkreeC'stle§		1·8	+0·5	23	—	—	47·4	+3·4	49·1	+0·8
Armagh §		2·1	+0·7	28	1	29	47·4	+4·4	48·5	+1·4
Trinity Coll.		—	—	—	1	28	48·0	+3·8	48·8	+1·2
Phœnix Park §		2·1	+0·4	27	1	25	—	—	—	—
Dublin City ...		—	—	—	1	30	—	—	—	—
Birr Castle §		1·3	- 0·3	16	3	22	—	—	—	—
Seskin ...		0·4	—	5	1	24	—	—	—	—
Cahirciveen (Valencia O.)§		0·8	- 0·7	10	1	30	—	—	—	—
Ballinacurra §		0·9	- 0·6	11	—	—	—	—	—	—
St. Mary's §		1·9	0·0	23	—	—	—	—	—	—
Grange §		1·0	- 0·7	12	0	36	48·8	+1·3	52·0	+0·7
St. Heliers §		2·2	+0·3	27	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, November 29th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.	Highest Hourly Wind. Mid Time.	Highest Gust. Speed.	Highest Gust. Time.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s. d. hr.	m.p.h	m/s. d. h. m
0. SCOTLAND, N.																
Shetlands Lerwick	310	42	‡	—	0	23, 26 to 28	50	85	23	10	0	190	34	15 27 17	51	23 27 17 40
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	25 to 27	26	106	30	6	0	140	32	14 26 6	—	— — — —
1. SCOTLAND, E.																
Aberdeen Aberdeen ...	72	42	‡	—	0	27, 29	5	80	83	0	0	120	28	13 27 14	41	18 27 14 25
Edinburgh Edinburgh ...	485	39	31	—	0	24, 27, 28	4	83	59	22	0	230	27	12 28 1	45	20 28 1 55
6a. SCOTLAND, W.																
Renfrew Paisley ...	188	81	15	—	0	—	0	61	(103)	(4)	0	200	21	9 24 12	44	20 28 1 35
Dumfries Eskdalemuir ...	825	50	22	—	0	23, 24, 27	17	52	86	13	0	230	30	13 23 12	44	20 24 11 15
2. ENGLAND, N.E.																
Durham South Shields...	72	61	12	—	0	23, 27, 29	7	79	77	5	0	130	32	14 27 9	43	19 27 9 10
York, E.R Spurn Head ...	67	41	‡	27	6	26, 27, 29	20	131	10	1	0	170	44	20 27 8	61	27 27 7 15
Lincoln Cranwell ...	280	43	31	27	1	27	14	106	(41)	(6)	0	150	42	19 27 7	54	24 27 6 35
3. ENGLAND, E.																
Norfolk Gorleston ...	52	42	‡	27	13	26, 27, 29	13	62	65	15	0	180	49	22 27 12	65	29 27 12 15
Essex Shoeburyness...	103	90	‡	27	12	26 to 29	16	99	28	13	0	190	51	23 27 12	68	30 27 12 15
5. ENGLAND, S.E.																
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	27	11	34	107	16	0	180	30	13 27 5	57	25 27 4 50
Surrey Croydon ...	284	40	24	—	0	27	10	37	112	9	0	180	30	13 27 5	57	25 27 3 35
Kent Lympne ...	409	70	‡	27	6	26, 27, 29	19	78	60	2	3	160	42	19 27 12	60	27 27 11 55
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	26, 27	16	49	85	9	9	180	36	16 27 3	72	32 27 3 25
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	27	2	26, 27, 29	17	86	46	9	8	180	44	20 27 4	72	32 27 4 10
Wiltshire Larkhill ...	513	63	43	—	0	26, 27, 28	12	68	(74)	(14)	0	190	37	17 27 4	59	26 27 3 50
7a ENGLAND, N.W.																
Lancashire Fleetwood ...	112	50	12	—	0	—	0	113	37	1	17	—	?	— — —	?	— — — —
Lancashire Southport ...	80	62	48	—	0	23, 27	6	109	53	0	0	260	41	18 27 19	51	23 27 19 10
7b. NORTH WALES.																
Anglesey Holyhead ...	64	45	‡	27	2	23, 27 to 29	26	115	22	3	0	280	43	19 27 16	54	24 27 15 25
8b. ENGLAND, S.W.																
Devon Plymouth ...	185	88	2	—	0	24, 25, 27 to 29	36	98	25	9	0	—	37	17 28 19	49	22 28 19 25
Cornwall Pendennis Castle§...	256	65	24			Record defective										
10. IRELAND, S.																
Dublin Kingstown (Cup Anr.)...	49	27	—	27	1	23, 25, 27, 28	25	88	45	9	0	260	40	18 27 14	—	— — — —
Clare Quilty	100	40	‡	—	0	23, 27, 28	19	80	49	20	0	—	34	15 27 6	52	23 27 7 35
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	26 to 28	16	85	64	3	0	350	33	15 27 5	58	26 28 12 15
Cork Weaver Pt. ...	160	30	‡	28, 29	2	24 to 29	51	75	34	6	0	—	39	17 28 16	58	26 28 16 5
11. SCILLY ISLES.																
St. Mary's ...	150	32	‡	—	0	25, 27 to 29	28	114	14	12	0	280	37	17 27 8	51	23 27 8 10

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	24	13	5·8	23	10	4·5	25	15	6·9	25	9	3·9	24	15	6·9	23	16	7·0	22	15	6·6	22	13	5·7
North	2	6	2·7	1	3	1·2	1	7	3·1	0	—	—	3	4	1·8	2	8	3·4	2	10	4·3	4	17	7·6
West	12	7	3·3	12	11	4·7	14	5	2·3	7	6	2·5	12	12	5·5	11	11	5·1	8	13	5·9	9	8	3·7
East	12	13	5·8	10	5	2·2	8	6	2·9	14	7	3·0	14	9	3·8	12	9	4·1	10	9	4·1	15	7	3·0
Calm (or wind-speed < 4 m.p.h.)	1	—	—	4	—	—	2	—	—	2	—	—	0	—	—	1	—	—	3	—	—	1	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 4th December, 1924.

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WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

16 DEC 1924 LIBRARY

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 49.

FORTY-NINTH WEEK.
SUNDAY, NOVEMBER 30TH, TO SATURDAY, DECEMBER 6TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FORTY-NINTH WEEK of 1924—November 30th to December 6th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	54	31	48·2	41·1	44·8	+6·0	22	+14	3	- 24	5	- 1	1·10	28	- 14	0·5	- 0·2	8	997
Eastern.																			
1. SCOTLAND, EAST ...	51	29	46·9	39·2	43·2	+5·1	16	+ 9	8	- 24	6	+ 1	0·77	20	- 4	1·1	- 0·2	16	999
2. ENGLAND, N.E. ...	54	36	48·9	43·0	46·0	+5·9	28	+19	0	- 23	5	+ 1	0·95	24	+ 7	1·4	+0·1	18	1003
3. ENGLAND, EAST ...	58	36	51·3	44·6	48·1	+7·8	43	+30	0	- 24	4	- 1	0·47	12	- 4	2·2	+0·8	28	1005
4. MIDLAND COUNTIES	56	30	50·3	42·4	46·5	+6·5	31	+19	0	- 26	5	0	0·95	24	+ 6	1·4	+0·2	18	1003
5. ENGLAND, S.E. ...	57	31	52·3	44·9	48·7	+6·4	47	+28	0	- 17	5	0	0·75	19	- 5	2·4	+0·9	30	1006
Western.																			
6. SCOTLAND, WEST[1] ...	58	33	49·5	42·6	46·2	+5·3	29	+16	0	- 16	6	+ 1	1·47	37	- 3	0·7	- 0·3	10	1000
7. ENGLAND, N.W.[2] ...	54	36	50·2	43·5	47·0	+5·4	35	+21	0	- 17	4	- 1	0·88	22	- 4	1·5	+0·4	20	1001
8. ENGLAND, S.W.[3] ...	56	32	52·4	44·6	48·7	+5·1	47	+24	0	- 12	5	0	1·23	31	- 5	2·3	+0·7	28	1003
9. IRELAND, NORTH ...	55	35	50·7	42·3	46·7	+5·2	33	+19	0	- 18	5	- 1	0·97	25	- 2	1·1	- 0·3	15	997
10. IRELAND, SOUTH ...	57	35	52·3	42·6	47·6	+4·2	39	+16	0	- 13	5	0	1·39	35	+ 6	2·2	+0·6	28	999
11. CHANNEL ISLANDS[4]	57	41	53·8	47·9	51·0	+3·9	63	+25	0	- 3	4	- 2	0·66	17	- 16	3·5	+1·6	42	1005
MEAN: DISTRICTS 1-10	58	29	50·5	43·0	46·9	+5·7	35	+20	1	- 19	5	0	0·98	25	- 1	1·6	+0·3	21	1002

THE SEASON (Winter).—Aggregates, &c., for the Period of 1 Week, November 30th to December 6th, 1924.

0. SCOTLAND, NORTH...	54	31	48·2	41·1	44·8	+6·0	22	+14	3	- 24	5	- 1	1·10	28	- 14	0·5	- 0·2	8	997
Eastern.																			
1. SCOTLAND, EAST ...	51	29	46·9	39·2	43·2	+5·1	16	+ 9	8	- 24	6	+ 1	0·77	20	- 4	1·1	- 0·2	16	999
2. ENGLAND, N.E. ...	54	36	48·9	43·0	46·0	+5·9	28	+19	0	- 23	5	+ 1	0·95	24	+ 7	1·4	+ 0·1	18	1003
3. ENGLAND, EAST ...	58	36	51·3	44·6	48·1	+7·8	43	+30	0	- 24	4	- 1	0·47	12	- 4	2·2	+ 0·8	28	1005
4. MIDLAND COUNTIES	56	30	50·3	42·4	46·5	+6·5	31	+19	0	- 26	5	0	0·95	24	+ 6	1·4	+ 0·2	18	1003
5. ENGLAND, S.E. ...	57	31	52·3	44·9	48·7	+6·4	47	+28	0	- 17	5	0	0·75	19	- 5	2·4	+ 0·9	30	1006
Western.																			
6. SCOTLAND, WEST[1] ...	58	33	49·5	42·6	46·2	+5·3	29	+16	0	- 16	6	+ 1	1·47	37	- 3	0·7	- 0·3	10	1000
7. ENGLAND, N.W.[2] ...	54	36	50·2	43·5	47·0	+5·4	35	+21	0	- 17	4	- 1	0·88	22	- 4	1·5	+ 0·4	20	1001
8. ENGLAND, S.W.[3] ...	56	32	52·4	44·6	48·7	+5·1	47	+24	0	- 12	5	0	1·23	31	- 5	2·3	+ 0·7	28	1003
9. IRELAND, NORTH ...	55	35	50·7	42·3	46·7	+5·2	33	+19	0	- 18	5	- 1	0·97	25	- 2	1·1	- 0·3	15	997
10. IRELAND, SOUTH ...	57	35	52·3	42·6	47·6	+4·2	39	+16	0	- 13	5	0	1·39	35	+ 6	2·2	+ 0·6	28	999
11. CHANNEL ISLANDS[4]	57	41	53·8	47·9	51·0	+3·9	63	+25	0	- 3	4	- 2	0·66	17	- 16	3·5	+1·6	42	1005
MEAN: DISTRICTS 1-10	58	29	50·5	43·0	46·9	+5·7	35	+20	1	- 19	5	0	0·98	25	- 1	1·6	+ 0·3	21	1002

THE YEAR. Aggregates, &c., for the Period of 49 Weeks, December 30th, 1923, to December 6th, 1924.

0. SCOTLAND, NORTH...	81	12	51·7	41·7	46·5	+0·5	2025	- 7	474	-176	222	- 8	44·11	1120	- 83	3·2	0.0	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·1	40·1	45·9	- 0·4	2005	-233	679	- 76	215	+20	30·57	777	+ 35	3·4	- 0·4	27	1009
2. ENGLAND, N.E. ...	87	16	54·3	42·4	48·1	+0·1	2634	+26	540	- 9	176	0	25·10	636	+ 40	3·8	- 0·3	31	1012
3. ENGLAND, EAST ...	87	18	56·1	43·8	49·7	+0·6	3130	+133	499	- 73	174	+ 2	26·64	675	+106	4·3	- 0·2	35	1013
4. MIDLAND COUNTIES	87	15	55·5	42·1	48·6	0·0	2801	- 74	555	- 70	180	+ 9	31·34	798	+164	3·5	- 0·5	28	1013
5. ENGLAND, S.E. ...	86	17	56·3	44·3	50·1	- 0·1	3191	- 42	420	- 13	173	+ 5	31·38	799	+147	4·6	- 0·1	37	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·4	41·9	47·5	- 0·3	2359	-148	489	+ 2	212	+ 8	42·14	1069	- 42	3·4	- 0·5	27	1011
7. ENGLAND, N.W.[2] ...	85	20	54·1	43·8	48·8	0·0	2706	- 43	386	- 51	203	+15	34·31	869	+ 31	3·7	- 0·4	30	1012
8. ENGLAND, S.W.[3] ...	84	14	55·2	44·6	49·7	- 0·3	2970	-111	327	- 14	190	+ 2	43·51	1102	+187	4·0	- 0·5	32	1013
9. IRELAND, NORTH ...	73	18	54·1	43·7	48·7	+0·2	2590	- 25	291	-102	237	+13	39·44	1000	+ 95	3·3	- 0·4	26	1010
10. IRELAND, SOUTH ...	75	21	55·6	44·8	50·0	0·0	2975	- 66	231	- 79	226	+27	42·27	1073	+133	3·4	- 0·7	28	1011
11. CHANNEL ISLANDS[4]	83	30	56·5	48·3	52·2	- 0·3	3592	-113	88	- 19	188	- 8	32·28	823	+ 50	5·0	- 0·4	40	1014
MEAN: DISTRICTS 1-10	87	2	54·7	43·1	48·7	0·0	2736	- 58	442	- 49	199	+10	34·67	880	+ 90	3·7	- 0·4	30	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Very Unusual	Unusual	Very Unusual	Unusual	Unusual	Very Unusual	Unusual	Unusual	Very Unusual
	Rainfall ..	Moderate	Moderate	Heavy	Moderate	Heavy	Moderate	Moderate	Moderate	Moderate	Moderate	Heavy	Light
	Sunshine ..	Moderate	Moderate	Moderate	Abundant	Moderate	Abundant	Moderate	Abundant	Abundant	Moderate	Abundant	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 1 week from November 30th, 1924	Warmth ..	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0	1, 0, 0
	Rainfall ..	0, 1, 0	0, 1, 0	1, 0, 0	0, 1, 0	1, 0, 0	0, 1, 0	0, 1, 0	0, 1, 0	0, 1, 0	0, 1, 0	1, 0, 0	0, 0, 1
	Sunshine ..	0, 1, 0	0, 1, 0	0, 1, 0	1, 0, 0	0, 1, 0	1, 0, 0	0, 1, 0	1, 0, 0	1, 0, 0	0, 1, 0	1, 0, 0	1, 0, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The general character of the weather for the week as a whole was unsettled. There were decidedly bright intervals, especially towards the end of the period, and sunshine values of between 6 hrs. and 7 hrs. were recorded in many places either on December 5th or 6th. Rain fell on several days and in some parts of the country the total amount for the week was above the normal. Individual measurements of about 20mm. or more were registered n various parts of our Islands, notably on December 4th. Among the largest amounts recorded during the week were 35mm. at Mallarany (Mayo) on December 1st and 32mm. at Buxton, 31mm. at Douglas (Isle of Man) and 30mm. at Lerwick on the 4th. Thunderstorms occurred in several places and in some parts they were accompanied by hail. Maximum temperatures of about 55°F. were recorded at a number of stations in various parts of the country and at Yarmouth on December 5th a maximum reading of 58°F. was obtained. The lowest of the screen minima, 29°F., occurred at Balmoral on December 5th, but ground frosts were registered in many places and among the lowest grass minimum temperatures were 24°F. at Westbourne (Sussex) and 25°F. at Rhayader (Radnor) on December 4th. The mean temperature for the week was again several degrees above the normal in all Districts, the average excess being between 5°F. and 6°F. The total amount of sunshine for the week was below the normal in the northern parts of the country, but in many of the southern Districts it was above normal. The departure of the mean daily duration of sunshine from the normal for the week ranged from +2·1 hrs. at Scilly to –0·9 hr. at Aberdeen. Mist or fog occurred in many parts of our Islands and on the afternoon of December 2nd intense gloom prevailed in and around London. Lunar halos were observed at Armagh and Ross-on-Wye on December 6th and at Oxford on the 5th and 6th. Solar halos were seen in London (Greenwich) on December 2nd and at Oxford on the 1st and 6th. The Zodiacal Light was observed at Oxford on November 30th and a parhelion at Ross-on-Wye on December 1st.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.
Shetlands	Lerwick ¶	54	t	50	6th	42	4th	47·7	44·1	46·0	+6·1	7	1·86	47
Orkneys	Deerness ...	160	p	50	2nd	41	5th	48·3	43·0	45·8	+6·0	6	0·28	7
Hebrides	Stornoway ¶	51	t	53	6th	40	30, 3	48·6	42·9	45·9	+6·0	5	0·96	25
	Castlebay ...	37	t	52	6th	44	5th	50·1	47·3	48·8	—	6	0·60	15
Caithness	Wick ... ¶	81	t	50	6th	36	5th	47·6	43·0	45·4	+6·5	5	0·10	3
Ross and Cromarty	Strathpeffer ¶	125	a	51	6th	31	1st	45·6	33·9	40·0	+2·1	4	0·41	10
	Achnashellach ¶	225	h	53	4th	38	30, 5	48·7	40·3	44·7	—	3	1·57	40
Inverness	Inverness ...	242	h	50	30, 2	35	1st	47·0	38·0	42·7	—	4	0·31	8
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	54	2nd	41	30, 3, 6	51·1	42·6	47·0	—	5	1·72	44
1. SCOTLAND, E.														
Nairn	Nairn ... ¶	82	t	51	6th	35	1, 2, 5	45·9	37·1	41·7	+3·6	4	0·24	6
Elgin	Gordon Castle ¶	101	p	50	2, 5	35	3rd	48·6	38·3	43·7	+4·6	4	0·10	3
Aberdeen	Aberdeen ... ¶	46	t	49	30, 4	39	6th	47·6	43·3	45·5	—	4	1·14	29
	Balmoral ... ¶	930	a	49	6th	29	5th	45·3	34·9	40·3	+5·0	7	0·83	21
Perth	Crieff ... ¶	478	p	48	6th	38	6th	46·4	41·0	43·8	+5·7	7	1·17	30
Forfar	Dundee ...	147	a	50	6th	39	1, 5	47·7	41·0	44·5	—	7	0·98	25
Fife	Inchkeith ... ¶	190	t	51	30, 1, 6	42	5th	49·3	43·9	46·7	—	5	0·73	19
Midlothian	Edinburgh ...	441	p	49	5th	40	2nd	47·7	41·6	44·8	+5·6	6	0·70	18
Peebles	West Linton ¶	770	a	49	6th	33	3rd	45·6	37·7	41·8	+6·7	7	0·80	20
Berwick	Marchmont ¶	498	a	50	5th	36	30, 5	46·9	37·4	42·3	+4·7	7	1·19	30
6a. SCOTLAND, W.														
Argyll	Ford ... ¶	149	a	58	3rd	33	3, 4	52·3	39·7	46·3	—	7	2·15	55
Renfrew	Renfrew ... ¶	36	t	50	30, 1, 6	38	5th	48·4	41·9	45·3	—	7	1·19	30
Bute	Rothesay ... ¶	200	p	50	5, 6	40	30th	48·9	42·3	45·7	+4·7	6	1·59	40
Ayr	Kilmarnock ¶	90	a	51	6th	39	3rd	49·3	42·0	45·8	+6·5	7	0·74	19
	Colmonell... ¶	170	a	52	4th	39	4th	50·0	43·1	46·7	+5·7	5	1·41	36
Dumfries	Dumfries ... ¶	140	p	50	30, 1, 5	41	2nd	47·6	44·3	46·0	+6·5	6	1·30	33
	Eskdalemuir ...	794	t	49	30th	35	5th	46·4	39·6	43·1	—	7	1·67	42

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·7	—	11	—	—	—	—	—	—
Deerness §	0·5	– 0·3	7	—	—	—	—	—	—
Stornoway §	0·4	– 0·5	6	—	—	—	—	—	—
Castlebay ...	0·5	—	8	—	—	—	—	—	—
Achnashellach	—	—	—	3	27	—	—	—	—
Inverness §	0·7	—	11	1	30	—	—	—	—
Onich ...	0·4	—	5	0	35	—	—	—	—
Nairn §	1·2	—	18	—	—	—	—	—	—
Gordon Castle	1·4	—	20	—	—	—	—	—	—
Aberdeen §	0·5	– 0·9	7	1	30	—	—	46·1	+2·8
Balmoral ...	—	—	—	3	27	—	—	—	—
(Kinc.)Crathes §	—	—	—	2	30	43·1	—	44·8	—
Dundee §	1·0	—	14	0	34	43·0	—	—	—
Inchkeith ...	1·6	—	23	0	35	—	—	—	—
Edinburgh §	1·6	0·0	23	0	34	—	—	—	—
West Linton...	—	—	—	1	30	—	—	—	—
Marchmont §	1·1	– 0·2	15	—	—	—	—	—	—
Ford ...	—	—	—	4	28	45·2	—	47·4	—
Renfrew ...	0·4	—	5	1	28	—	—	—	—
Rothesay §	0·5	– 0·3	8	0	36	45·0	—	47·7	+2·8
Kilmarnock ...	1·0	—	14	—	—	44·5	—	47·2	—
Colmonell ...	—	—	—	0	33	—	—	—	—
Dumfries ...	0·5	—	7	0	33	44·5	+4·4	46·9	+2·9
Eskdalemuir §	0·3	– 0·6	4	0	32	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal	Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.		hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
6b. ISLE OF MAN.																									
I. of Man	Douglas ... ¶	284	h	52	1st	43	3, 4	50·1	45·0	47·7	+5·1	6	1·94	49	+13	Douglas §	1·4	− 0·1	19	0	37	—	—	—	—
2. ENGLAND, N.E.																									
Northumberland	Cockle Park ¶	324	p	50	5th	39	1st	47·7	40·9	44·4	+6·0	4	1·25	32	+12	Cockle Park §	1·3	− 0·3	17	1	26	43·8	+5·4	45·5	+3·0
	Tynemouth ¶	118	t	51	5th	43	1st	48·7	45.0	46·9	+6·6	4	1·16	29	+13	Tynemouth ...	—	—	—	0	36	—	—	—	—
Durham	Durham ... ¶	336	p	50	5th	38	4th	47·6	41·7	44·8	+5·9	5	1·06	27	+12	Durham §	1·3	− 0·1	18	1	30	—	—	—	—
York, N. Riding	Rounton ... ¶	249	p	50	30th	37	4th	47·9	41·3	44·7	+5·9	7	0·97	25	+ 9	Rounton ...	—	—	—	2	29	44·0	—	—	—
	West Witton ...	605	a	50	4th	41	4th	47·4	42·4	45·0	—	6	1·15	29	—	West Witton	—	—	—	0	34	42·7	—	45·5	—
	Scarborough ¶	118	h	51	30th	44	5, 6	49·6	45·3	47·5	+6·7	6	0·76	19	+ 1	Scarborough †§	1·0	− 0·2	13	0	35	—	—	47·3	—
	York ... ¶	56	p	52	5th	39	4th	49·6	43·0	46·4	+6·6	5	0·71	18	+ 2	York §	0·9	0·0	12	—	—	45 3	+3·5	47·7	+1·9
E. Riding	Spurn Head ¶	26	t	52	30th	43	1, 3, 4	49·3	44·4	47·0	+5·9	5	0·51	13	− 2	Spurn Head...	1·6	—	21	—	—	—	—	—	—
Lincoln	Lincoln ... ¶	58	a	54	4th	41	1st	50·6	43·6	47·2	+7·8	5	1·20	30	+14	Lincoln ...	—	—	—	0	37	44·8	+4·6	47·5	+2·0
	Cranwell ... ¶	236	t	54	4th	36	4th	48·9	41·7	45·4	+5·9	5	0·96	25	+ 8	Cranwell §	1·7	+0·3	22	1	29	—	—	—	—
																Skegness §	2·1	+0·3	27	—	—	—	—	—	—
3. ENGLAND, E.																									
Norfolk	Cromer ... ¶	196	a	54	30th	42	1st	50·6	43·6	47.2	+6·3	5	0·44	11	− 3	Cromer §	2·2	+0·7	28	—	—	—	—	—	—
	Yarmouth ... ¶	13	t	58	5th	42	4th	51·1	45·4	48·2	+7·4	4	0·30	7	− 10	Yarmouth §	2·3	—	29	0	41	46·0	+3·6	48·9	+2·0
	Norwich ... ¶	93	a	54	30, 4	42	1st	51·1	43·9	47·6	+7·5	4	0·68	17	− 1	Norwich ...	2·4	—	30	0	34	44·7	—	—	—
	Geldeston ... ¶	37	a	55	30, 1, 5	43	3, 4	52·6	44·3	48·6	+7·8	4	0·35	9	− 7	Geldeston §	2·4	+0·9	30	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	55	30, 1	36	6th	51·7	43·4	47·7	+7·6	3	0·78	20	+ 6	Cambridge §	2·7	+1·3	34	0	34	46·5	+4·6	49·2	+2·5
Hertford	Rothamsted ¶	420	a	54	4th	42	3, 4, 5	50·4	43·7	47·2	+7·2	4	0·53	13	− 6	Rothamsted §	2·0	+0·5	25	0	37	45·7	—	—	—
Middlesex	Tottenham ¶	51	p	55	30, 1, 5	44	4, 6	52·3	46·3	49·4	—	5	0·39	10	—	Tottenham §	1·4	—	17	—	—	—	—	—	—
Essex	Clacton-on-Sea ¶	55	t	54	5th	43	4th	50·6	46·3	48·5	+7·6	5	0·33	8	− 5	Clacton-on-Sea§	2·8	+1·2	36	0	38	47·2	+3·6	49·3	+1·3
	Southend	90	h	56	1st	41	4th	51·7	45·4	48·7	—	7	0·42	11	—	Southend ...	2·3	—	29	0	37	47·6	—	—	—
4. MIDLAND COUNTIES.																									
York, W. Riding	Harrogate ¶	479	t	49	30, 5	40	1, 4	47·3	42·0	44·8	+5·9	5	1·05	27	+ 7	Harrogate §	1·0	− 0·3	13	0	32	44·5	+3·6	45·9	+2·5
	Sheffield ... ... ¶	429	p	53	5th	42	4th	49·1	43·9	46·6	—	6	1·23	31	+10	Sheffield §	0·8	− 0·4	10	0	34	44·6	+3·8	46·7	+1·2
Derby	Buxton ... ... ¶	987	p	49	4th	37	4th	46·6	41·6	44·2	+6·7	6	1·76	45	+ 9	Buxton ...	0·5	—	6	0	35	43·1	+4·3	45·9	+1·5
Nottingham	Worksop(Hods'ck) ¶	56	a	54	30, 4, 5	39	4th	51·0	42·7	47·0	+7·2	6	1·08	27	+12	Worksop §	0·7	− 0·4	9	1	30	44·7	—	46·8	—
	Nottingham ¶	192	a	54	4th	41	4th	50·7	43·9	47·4	+7·8	5	1·10	28	+14	Nottingham §	0·9	− 0·1	12	0	36	44·6	+4·7	46·5	+2·7
Warwick	Birmingham (Edg) ¶	525	t	53	5th	38	4th	49·1	42·9	46·1	+6·1	5	1·13	29	+12	Birmingham §	1·4	+0·4	18	1	29	45·4	+3·1	48·0	+1·1
Northampton	Oundle ... ¶	147	a	—	—	—	—	—	—	—	—	—	—	—	—	Oundle ...	—	—	—	—	—	—	—	—	—
Oxford	Oxford ... ¶	208	p	56	5th	38	4th	52·0	44·0	48·2	+7·5	4	0·79	20	+ 4	Oxford §	1·5	+0·1	19	0	31	—	—	—	—
Stafford	Cheadle' ... ¶	646	a	52	4th	38	4th	48·4	40·0	44·4	+5·6	6	1·18	30	+ 9	Cheadle ...	—	—	—	0	35	—	—	—	—
Worcester	Tenbury ... ¶	313	p	55	4th	30	4th	51·9	41·6	47·0	+6·4	5	0·45	11	− 3	Tenbury ...	—	—	—	1	26	44·9	—	—	—
	Malvern	377	h	52	5th	38	4th	49·0	43·7	46·5	—	5	0·91	23	—	Malvern ...	2·2	—	27	1	30	44·8	—	47·2	—
Hereford	Hereford ... ¶	291	a	54	4, 5	31	4th	51·1	41·0	46·3	+5·9	4	0·55	14	− 5	Ross on Wye§	2·0	—	26	1	26	45·7	—	48·2	—
Gloucester	Clifton ... ¶	225	a	55	4th	37	4th	51·6	43·4	47·7	+5·7	4	1·23	31	+ 7	Clifton §	3·0	+1·6	38	0	36	—	—	—	—
5. ENGLAND, S.E.																									
London	Westminster ...	27	a	56	30, 1, 4	42	4, 6	53·6	46·4	50·1	+7·6	5	0·60	15	− 1	Westminster	1·8	+1·2	23	0	32	—	—	—	—
	Greenwich ‡ ...	149	a	56	1st	40	4th	52·9	44·0	48·6	+7·2	5	0·86	22	+ 5	Greenwich ...	2·2	+1·1	28	1	29	—	—	—	—
	Hampstead ...	450	p	53	30, 1, 5	40	6th	50·1	44·1	47·2	—	4	0·60	15	—	Hampstead ...	1·9	—	24	2	29	—	—	—	—
	Camden Square ...	110	a	54	30, 1, 5	42	4, 6	52·1	45·4	48·9	+7·2	5	0·73	19	+ 1	Camden Square	—	—	—	0	36	47·0	—	49·0	—
																Richmond § (Kew Obs.)	2 0	+0·8	25	0	32	46·4	+4·3	49·3	+ 2·4
Surrey	Richmond (KewO) ¶	18	t	56	30th	41	4th	52·0	46·1	49·2	+7·7	4	0·48	12	− 5	Wisley §	1·9	+0·5	24	1	29	47·3	+4·6	49·0	+2·3
	Wisley ... ¶	150	a	55	30, 1, 5	38	4th	52·4	44·0	48·4	+7·4	6	0·78	20	+ 1	Tunbridge W'ls§	2·4	+0·9	29	1	29	48·2	—	50·1	—
Kent	Tunbridge Wells ¶	354	h	56	5th	37	4th	52·1	44·7	48·6	+7·3	5	0·58	15	− 8	Margate §	2·7	+1·3	34	0	42	48·1	+3·9	50·1	+2·7
	Margate ... ¶	51	h	57	5th	45	3, 4	52·1	46.7	49·5	+6·9	5	0·19	5	− 12	Folkestone §	2·6	—	32	0	35	—	—	50·6	—
	Dungeness ¶	21	t	54	30, 1, 5	42	4th	52·4	47·4	50·0	+7·0	5	0·64	16	− 5	St. Leonards §	2·4	+0·7	30	0	33	48·0	—	50·2	—
Sussex	St. Leonards ¶	178	h	55	30th	40	4th	52·3	46·0	49·3	+6·3	6	0·84	21	− 3	Worthing §	2·7	+0·9	33	0	33	48·7	+4·8	50·8	+2·3
	Worthing	36	h	55	30th	37	4th	52·0	46·2	49·2	—	4	0·71	18	—	Ventnor §	2·4	+0·7	30	—	—	—	—	—	—
I. of Wight	Ventnor ... ¶	59	a	56	30th	43	4th	53·4	47·0	50·3	+5·2	5	0·68	17	− 8	Southampton§	3·0	+1·5	38	1	30	—	—	—	—
Hampshire	Southampton ¶	64	p	57	5th	36	4th	53·3	44·1	48·9	+6·0	5	1·25	32	+ 5	Marlborough§	1·6	+0·4	20	2	27	46·1	—	49·1	—
Wiltshire	Marlborough ¶	424	a	55	4th	31	4th	51·1	41·7	46·6	+6·7	6	0·92	23	− 3	Porton ...	2·7	—	33	1	27	46·7	—	—	—
	Porton ¶	363	a	54	5th	32	4th	51·6	41·0	46·5	—	7	1·09	28	—										
7a. ENGLAND, N.W.																									
Cumberland	Aspatria (Mealsg'e) ¶	487	p	50	30, 1	41	2nd	48·0	43·4	45·8	+5·8	6	1·07	27	− 3	Aspatria §	0·8	− 0·4	11	0	37	45·1	+3·8	47·0	+1·4
	Newton Rigg ¶	559	p	50	30, 5	36	4th	47·9	38·4	43·3	+4·9	5	1·24	31	+ 3	Newton Rigg§	0·8	− 0·3	11	1	30	—	—	—	—
Lancashire	Stonyhurst ¶	377	a	51	30, 5	39	4th	49 1	42·7	46·0	+5·9	4	0·78	20	− 13	Stonyhurst §	1·1	+0·2	15	0	34	—	—	—	—
	Blackpool ¶	66	h	52	30, 5	40	4th	50·1	44·3	47·3	+6·1	3	0·79	20	− 3	Blackpool §	1·6	+0·4	21	0	31	46·1	—	48·5	—
	Southport ¶	37	h	52	30, 5	40	4th	50·1	44·2	47·3	+6·1	3	0·77	19	− 3	Southport §	2·2	+1·1	29	0	32	43·6	+3·9	46·3	+2·4
Manchester	Whitworth Pk. ¶	125	p	54	30th	41	4th	51·0	44·0	47·6	+6·3	5	0·80	20	− 1	Whitworth Pk.	1·0	+0·5	13	—	—	—	—	—	—
																Oldham Road	0·4	+0·1	6	0	36	44·6	+3·8	47·9	+1·7
Cheshire	Liverp'l (Bidston) ¶	189	a	52	5th	40	4th	49·7	44·0	47·0	+5·0	3	0·85	22	+ 4	Bidston ...	2·1	—	28	0	35	—	—	—	—
																(Ches.)Hoylake§	2·7	+1·3	35	—	—	—	—	—	—
7b. NORTH WALES.																									
Flint	Hawarden Bridge ¶	22	a	54	5, 6	37	5th	51·7	42·9	47·5	+5·0	4	0·81	21	+ 5										
Carnarvon	Llandudno ¶	22	h	53	30, 1, 5	39	4th	51·9	44·6	48·4	+4·6	4	0·76	19	− 3	Llandudno §	1·8	+0·4	23	—	—	—	—	—	—
Anglesey	Holyhead ¶	26	t	54	2nd	41	4th	52·1	47·1	49·7	+5·4	2	0·79	20	− 9	Holyhead ...	1·9	—	25	0	37	—	—	—	—
8a. SOUTH WALES.																									
Cardigan	Aberystwyth ¶	59	h	54	30, 1, 4	38	3rd	52·6	44·9	48·9	—	5	0·68	17	—	Aberystwyth§	1·8	+0·3	23	—	—	—	—	—	—
Pembroke	St. Ann's Hd. ¶	150	t	54	4th	44	3rd	52·6	46·7	49·8	+4·3	5	1·21	31	− 2	St. Ann's Hd.§	2·2	+0·7	28	—	—	—	—	—	—
Radnor	Rhayader ¶	757	a	53	4th	32	4th	49·1	41·1	45·3	—	6	0·98	25	—	Rhayader §	1·7	—	21	2	25	—	—	—	—
Glamorgan	Cardiff ... ¶	202	p	54	5th	37	4th	52·3	43·4	48·0	+6·3	5	1·44	37	+ 2	Cardiff ...	3·0	—	38	0	31	46·4	+3·7	49·0	+1·8
8b. ENGLAND, S.W.																									
Somerset	Bath ... ¶	66	h	56	4th	35	4th	52·3	45·1	48·8	+7·0	5	0·69	18	− 6	Bath ... §	2·5	+1·0	32	—	—	47·7	—	50·5	—
Dorset	Shaftesbury ¶	722	a	—	—	—	—	—	—	—	—	—	—	—	—	Shaftesbury...	—	—	—	—	—	—	—	—	—
	Portland Bill ¶	19	t	55	30, 2, 5	43	30th	53·9	49·1	51·6	+5·9	5	1·18	30	+ 7	Weymouth ...	3·2	—	40	—	—	—	—	—	—
Devon	Arlington ¶	613	a	54	4th	34	4th	51.3	42·4	47·0	+5·0	6	1·38	35	− 13	Arlington ...	—	—	—	1	29	—	—	—	—
	Cullompton ¶	202	a	56	4th	33	4th	53·4	41·0	47·5	+5·3	5	1·26	32	+ 1	Cullompton §	2·1	+0·7	26	3	28	47·1	—	—	—
	Plymouth ¶	116	p	55	30, 4, 6	37	4th	53·9	45·7	50·0	+5·0	6	1·05	27	− 7	Plymouth §	2·8	+1·0	34	0	33	48·1	+2·8	50·8	—
Cornwall	Newquay ... ¶	190	h	55	4th	39	4th	52·7	46·4	49·7	+3·5	6	1·14	29	− 2	Newquay §	2·0	+0·2	25	—	—	48·9	—	50·8	—
	Falmouth ¶	167	h	55	4, 6	41	4th	53·1	46·6	50·0	+4·1	6	1·92	49	+ 5	Falmouth §	3·0	+1·1	37	0	32	48·2	—	50·5	—
9. IRELAND, N.																									
Donegal	Malin Head ¶	53	t	51	4, 6	37	4th	49·6	42·4	46·1	+3·6	6	0·97	25	+ 2	Malin Head...	1·4	-	19	—	—	—	—	—	—
Mayo	Blacksod Point ¶	10	t	55	4th	39	3rd	52·1	44·1	48·3	+4·4	6	0·79	20	− 19										
	Mallaranny ...	120	a	54	3, 4, 6	36	3rd	52·1	42·6	47·5	—	6	2·98	76	—	Mallaranny ...	1·9	—	25	—	—	—	—	—	—
Sligo	Markree Castle ¶	122	p	54	4th	37	4th	50·6	40·9	45·9	+5·3	6	1·12	28	− 3	MarkreeC'stle§	1·1	− 0·2	14	—	—	45 8	+2·5	49·0	+1·4
Armagh	Armagh ... ¶	204	p	53	4th	35	4th	50·0	41·1	45·7	+5·2	5	0·86	22	+ 1	Armagh §	1·2	− 0·2	17	1	30	45·6	+3·2	48·1	+1·7
Down	Donaghadee ¶	35	t	52	30, 1, 5	43	5, 6	51·0	45·4	48·3	+6·3	5	1·06	27	+ 6										
																Trinity Coll.	—	—	—	0	34	46·7	+3·2	48·5	+1·6
10. IRELAND, S.																Phœnix Park §	1·9	+0·2	24	0	32	—	—	—	—
Dublin	Dublin City ¶	54	p	56	4th	40	4th	51·3	43·6	47·6	+4·4	5	1·04	26	+ 9	Dublin City...	—	—	—	0	36	—	—	—	—
King'sCounty	Birr Castle ¶	175	t	55	4th	35	3rd	50·9	40·1	45·7	+4·5	5	1·00	25	+ 4	Birr Castle §	2·3	+0·8	30	2	29	—	—	—	—
Kilkenny	Kilkenny ¶	182	a	55	4th	36	4, 5	50·9	40·6	46·0	+4·6	7	0·96	25	+ 3										
Waterford	Waterford ¶	137	a	54	30, 4, 5	35	4th	52·3	42·9	47·8	+4·9	4	1·20	31	+ 3										
	Seskin, Carrick-on-Suir	542	p	55	4th	33	3, 4	50·9	40·3	45·8	—	6	0·85	21	—	Seskin ...	2·0	—	26	1	31	—	—	—	—
Limerick	Foynes ... ¶	50	a	56	3, 4	37	4th	53·3	41·4	47·6	+4·3	5	1·20	30	+ 1										
Kerry	Cahirciveen ¶	30	t	56	4th	38	3rd	53·0	44·9	49·1	+3·3	6	2·57	65	+24	Cahirciveen (Valencia O.)§	2 0	+0·5	25	0	37	—	—	—	—
	Killarney ¶	174	a	57	4th	37	2nd	53·9	42·5	48·4	+4·4	7	1·67	42	− 2										
Cork	Roche's Point ¶	32	t	55	4th	42	3, 4	52·4	45·0	48·9	+3·8	4	1·44	37	+ 5	Ballinacurra §	2·5	+1·0	32	—	—	—	—	—	—
11. CHANNEL ISLES & SCILLY.																									
Scilly	St. Mary's ¶	131	t	55	4th	46	4th	53·6	48·3	51·1	+3·1	4	0·57	15	− 17	St. Mary's §	4·0	+2·1	49	—	—	—	—	—	—
Guernsey	Grange ... ¶	173	p	57	30th	42	4th	54·1	47·4	50·9	+4·7	4	0·75	19	− 14	Grange §	3·1	+1·4	38	0	34	48·7	+1·7	51·9	+1·3
Jersey,	St. Heliers ¶	28	h	56	5th	41	4th	53·7	48·0	51·0	+4·8	5	0·67	17	− 15	St. Heliers §	3·2	+1·3	40	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, December 6th, 1924.

District, County & Station.		Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																						
Shetlands	Lerwick ...	310	42	‡	4	15	4 to 6	18	78	56	1	0	110	51	23	4	15	69	31	4	14	45
Orkneys	**Deerness (Cup Anr.)	188	16	5	4	8	4, 5	13	81	56	0	10	150	45	20	4	14	—	—	—	—	—
1. SCOTLAND, E.																						
Aberdeen	Aberdeen ...	72	42	‡	—	0	4	5	61	89	13	0	150	29	13	4	10	45	20	4	13	15
Edinburgh	Edinburgh ...	485	39	31	—	0	4 to 6	14	61	70	23	0	180	36	16	4	15	50	22	5	16	10
6a. SCOTLAND, W.																						
Renfrew	Paisley ...	188	81	15	—	0	5	2	34	118	14	0	190	26	11	5	13	50	22	5	15	30
Dumfries	Eskdalemuir ...	825	50	22	—	0	5	4	50	80	34	0	220	25	11	5	9	52	23	5	22	5
2. ENGLAND, N.E.																						
Durham	South Shields...	72	61	12	—	0	6	3	67	86	12	0	260	28	13	6	3	46	21	5	14	55
York, E.R.	Spurn Head ...	67	41	‡	—	0	30, 4 to 6	20	75	55	18	0	170	35	16	4	22	45	20	4	21	20
Lincoln	Cranwell ...	280	43	31	—	0	30, 4	4	73	44	47	0	150	27	12	4	19	38	17	30	13	40
3. ENGLAND, E.																						
Norfolk	Gorleston ...	52	42	‡	4, 5	3	30, 4, 5	14	37	89	25	0	180	40	18	4	24	56	25	5	1	0
Essex	Shoeburyness...	103	90	‡	—	0	30, 4, 5	16	53	82	17	0	200	34	15	30	14	46	21	30	14	25
5. ENGLAND, S.E.																						
Surrey	Richmond (Kew Obs.)...	82	65	22	—	0	—	0	37	94	37	0	190	23	10	30	13	44	20	30	13	0
Surrey	Croydon ...	284	40	24	—	0	30	1	44	95	28	0	190	25	11	30	13	45	20	30	13	25
Kent	Lympne ...	409	70	‡	—	0	30, 4, 5	15	64	75	14	0	160	30	13	5	1	42	19	5	1	35
Hampshire	Petersfield (Stoner Hill)...	811	42	‡	—	0	30	2	52	83	15	16	190	26	12	30	12	51	23	30	11	55
Hampshire	S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	4, 5	8	82	60	18	0	170	27	12	4	18	46	21	6	2	25
Wiltshire	Larkhill ...	513	63	43	—	0	30, 4, 5	8	61	80	19	0	180	32	14	30	11	47	21	30	10	25
7a ENGLAND, N.W.																						
Lancashire	Fleetwood ...	112	50	12	—	0	4 to 6	14	65	79	10	0	250	30	13	6	1	45	20	6	0	45
Lancashire	Southport ...	80	62	48	—	0	4 to 6	22	55	89	2	0	250	36	16	6	1	50	22	5	13	45
7b. NORTH WALES.																						
Anglesey	Holyhead ...	64	45	‡	—	0	30, 4 to 6	30	86	50	2	0	270	35	16	6	4	55	25	4	10	50
8b. ENGLAND, S.W.																						
Devon	Plymouth ...	185	88	2	—	0	30, 1, 4, 5	34	53	59	22	0	—	36	16	30	8	52	23	30	4	30
Cornwall	Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																						
Dublin	Kingstown (Cup Anr.)...	49	27	—	6	1	1, 4 to 6	33	60	61	13	0	240	40	18	6	1	—	—	—	—	—
Clare	Quilty	100	40	‡	—	0	4, 5	18	64	56	30	0	—	33	15	5	17	51	23	5	18	5
Kerry	Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	4, 5	22	78	30	38	0	230	29	13	5	15	50	22	5	15	25
Cork	Weaver Pt. ...	160	30	‡	—	0	30, 1, 4, 5	17	82	54	15	0	—	30	13	5	14	45	20	5	14	20
11. SCILLY ISLES.																						
	St. Mary's ...	150	32	‡	—	0	30 to 2, 4 to 6	42	90	29	7	0	280	33	15	6	2	47	21	6	0	15

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	27	13	5·7	18	11	4·9	18	12	5·5	16	9	4·2	18	13	6·0	11	13	5·6	20	14	6·2	20	13	5·6
North	0	—	—	5	6	2·7	4	1	0·5	3	3	1·4	6	7	2·9	8	9	3·9	2	4	1·6	1	9	3·8
West	2	6	2·9	8	16	7·0	16	6	2·7	12	7	3·1	14	13	5·7	17	18	8·0	14	13	6.0	11	12	5·2
East	24	10	4·5	9	5	2·2	5	3	1·5	4	5	2·3	12	7	2·9	4	4	1·7	10	4	1·9	9	5	2·2
Calm (or wind-speed < 4 m.p.h.)	0	—	—	4	—	—	4	—	—	7	—	—	0	—	—	1	—	—	1	—	—	7	—	—
No record	1	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 11th December, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:—ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2; 28, ABINGDON STREET, LONDON, S.W.1; YORK STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF; or 120, GEORGE STREET, EDINBURGH; or through any Bookseller.

FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 50.

FIFTIETH WEEK.
SUNDAY, DECEMBER 7TH, TO SATURDAY, DECEMBER 13TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FIFTIETH WEEK of 1924—December 7th to December 13th, 1924.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	56	31	50·8	42·9	47·0	+7·8	35	+27	0	- 25	6	0	1·84	47	+ 9	0·8	+0·3	13	1011
Eastern.																			
1. SCOTLAND, EAST ...	57	31	50·0	41·5	45·9	+7·8	29	+21	1	- 32	3	- 1	0·40	10	- 7	1·1	+0·1	16	1016
2. ENGLAND, N.E. ...	52	27	47·0	39·4	43·3	+3·4	16	+ 6	7	- 18	3	- 1	0·31	8	- 5	0·6	- 0·6	9	1024
3. ENGLAND, EAST ...	51	27	41·7	34·3	38·2	- 2·0	0	- 12	27	+ 2	2	- 2	0·22	6	- 9	0·7	- 0·6	10	1027
4. MIDLAND COUNTIES	53	30	46·4	38·8	42·7	+3·0	14	+ 2	9	- 19	2	- 2	0·31	8	- 10	0·3	- 0·8	4	1025
5. ENGLAND, S.E. ...	53	25	44·5	35·5	40·1	- 2·0	7	- 11	20	+ 3	2	- 2	0·20	5	- 14	1·4	- 0·1	18	1027
Western.																			
6. SCOTLAND, WEST[1] ...	53	37	50·7	44·0	47·5	+6·8	39	+27	0	- 19	5	0	1·35	34	+ 2	0·4	- 0·6	6	1019
7. ENGLAND, N.W.[2] ...	58	33	49·6	43·0	46·4	+5·2	31	+18	0	- 19	5	0	0·64	16	- 7	0·5	- 0·5	6	1022
8. ENGLAND, S.W.[3] ...	56	30	49·0	42·2	45·7	+2·5	26	+ 5	0	- 12	2	- 3	0·39	10	- 21	0·6	- 0·8	7	1024
9. IRELAND, NORTH ...	55	32	51·1	43·0	47·2	+5·7	36	+22	0	- 17	5	0	0·89	23	0	0·7	- 0·5	10	1016
10. IRELAND, SOUTH ...	57	32	51·7	43·8	47·9	+4·7	41	+20	0	- 13	6	+ 1	1·07	27	+ 1	1·2	- 0·3	16	1020
11. CHANNEL ISLANDS[4]	55	33	48·6	42·5	45·7	- 1·0	26	- 10	0	- 3	2	- 3	0·44	11	- 15	2·1	+0·4	27	1025
MEAN: DISTRICTS 1-10	58	25	48·2	40·5	44·5	+3·5	24	+10	6	- 14	3	- 1	0·58	15	- 7	0·7	- 0·5	10	1022

THE SEASON (Winter).—Aggregates, &c., for the Period of 2 Weeks, November 30th to December 13th, 1924.

0. SCOTLAND, NORTH...	56	31	49·5	42·0	45·9	+6·9	57	+41	3	- 49	11	- 1	2·94	75	- 5	0·7	+ 0·1	11	1004
Eastern.																			
1. SCOTLAND, EAST ...	57	29	48·5	40·3	44·5	+6·4	45	+30	9	- 56	9	0	1·17	30	- 11	1·1	0·0	16	1007
2. ENGLAND, N.E. ...	54	27	47·9	41·2	44·7	+4·7	44	+25	7	- 41	8	0	1·26	32	+ 2	1·0	- 0·3	13	1013
3. ENGLAND, EAST ...	58	27	46·5	39·5	43·1	+2·8	43	+18	27	- 22	6	- 3	0·69	18	- 13	1·5	+ 0·1	19	1016
4. MIDLAND COUNTIES	56	30	48·3	40·6	44·6	+4·7	45	+21	9	- 45	7	- 2	1·20	31	- 5	0·9	- 0·3	11	1014
5. ENGLAND, S.E. ...	57	25	48·4	40·2	44·4	+2·2	54	+17	20	- 14	7	- 2	0·95	24	- 19	1·9	+ 0·4	24	1017
Western.																			
6. SCOTLAND, WEST[1] ...	58	33	50·1	43·3	46·9	+6·1	68	+43	0	- 35	11	+ 1	2·82	71	- 1	0·6	- 0·4	8	1009
7. ENGLAND, N.W.[2] ...	58	33	49·9	43·3	46·7	+5·3	66	+39	0	- 36	9	- 1	1·52	38	- 11	1·0	0·0	13	1011
8. ENGLAND, S.W.[3] ...	56	30	50·7	43·4	47·2	+3·8	73	+29	0	- 24	7	- 3	1·62	41	- 26	1·4	- 0·1	18	1013
9. IRELAND, NORTH ...	55	32	50·9	42·7	46·9	+5·4	69	+41	0	- 35	10	- 1	1·86	48	- 2	0·9	- 0·4	13	1007
10. IRELAND, SOUTH ...	57	32	52·0	43·2	47·7	+4·4	80	+36	0	- 26	11	+ 1	2·46	62	+ 7	1·7	+ 0·2	22	1009
11. CHANNEL ISLANDS[4]	57	33	51·2	45·2	48·3	+1·4	89	+15	0	- 6	6	- 5	1·10	28	- 31	2·8	+1·0	35	1015
MEAN: DISTRICTS 1-10	58	25	49·3	41·8	45·7	+4·6	59	+30	7	- 33	9	- 1	1·55	39	- 8	1·2	- 0·1	16	1012

THE YEAR. Aggregates, &c., for the Period of 50 Weeks, December 30th, 1923, to December 13th, 1924.

0. SCOTLAND, NORTH...	81	12	51·7	41·7	46·5	+0·6	2060	+20	474	-201	228	- 8	45·95	1167	- 74	3·2	0·0	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	52·0	40·1	45·9	- 0·2	2034	-212	680	-108	218	+19	30·97	787	+ 28	3·3	- 0·4	27	1010
2. ENGLAND, N.E. ...	87	16	54·2	42·3	48·0	+0·1	2650	+32	547	- 27	179	- 1	25·41	644	+ 35	3·8	- 0·3	30	1012
3. ENGLAND, EAST ...	87	18	55·8	43·6	49·4	+0·5	3130	+121	526	- 71	176	0	26·86	681	+ 97	4·3	- 0·2	34	1014
4. MIDLAND COUNTIES	87	15	55·3	42·1	48·4	0·0	2815	- 72	564	- 89	182	+ 7	31·59	805	+153	3·5	- 0·5	28	1013
5. ENGLAND, S.E. ...	86	17	56·1	44·1	49·9	- 0·1	3198	- 53	440	- 10	175	+ 3	31·58	804	+133	4·5	- 0·1	37	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·3	42·0	47·5	- 0·2	2398	-121	489	- 17	217	+ 8	43·49	1103	- 40	3·3	- 0·5	26	1011
7. ENGLAND, N.W.[2] ...	85	20	54·0	43·8	48·7	+0·1	2737	- 25	386	- 70	208	+15	34·95	885	+ 24	3·7	- 0·3	29	1012
8. ENGLAND, S.W.[3] ...	84	14	55·1	44·6	49·6	- 0·2	2996	-106	327	- 26	192	- 1	43·90	1112	+166	3·9	- 0·5	32	1013
9. IRELAND, NORTH ...	73	18	54·0	43·7	48·7	+0·4	2626	- 3	291	-119	242	+13	40·33	1023	+ 95	3·2	- 0·4	26	1010
10. IRELAND, SOUTH ...	75	21	55·5	44·7	50·0	+0·2	3016	- 46	231	- 92	232	+28	43·34	1100	+134	3·4	- 0·7	27	1011
11. CHANNEL ISLANDS[4]	83	30	56·3	48·1	52·1	- 0·3	3618	-123	88	- 22	190	- 11	32·72	834	+ 35	4·9	- 0·4	40	1014
MEAN: DISTRICTS 1-10	87	2	54·5	43·1	48·6	+0·1	2760	- 49	448	- 63	202	+ 9	35·24	894	+ 83	3·7	- 0·4	30	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland. E.	2. England. N.E.	3. England. E.	4. Midland Counties.	5. England. S.E.	6. Scotland. W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England. S.W. (*and S. Wales*).	9. Ireland. N.	10. Ireland. S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Very Unusual	Very Unusual	Unusual	Moderate	Unusual	Moderate	Very Unusual	Unusual	Moderate	Very Unusual	Unusual	Moderate
	Rainfall ..	Heavy	Light	Moderate	Light	Moderate	Light	Moderate	Moderate	Light	Moderate	Moderate	Light
	Sunshine ..	Abundant	Moderate	Scanty	Scanty	Scanty	Moderate	Scanty	Scanty	Scanty	Scanty	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 2 weeks from November 30th, 1924	Warmth ..	2, 0, 0	2, 0, 0	2, 0, 0	1, 1, 0	2, 0, 0	1, 1, 0	2, 0, 0	2, 0, 0	1, 1, 0	2, 0, 0	2, 0, 0	1, 1, 0
	Rainfall ..	1, 1, 0	0, 1, 1	1, 1, 0	0, 1, 1	1, 1, 0	0, 1, 1	0, 2, 0	0, 2, 0	0, 1, 1	0, 2, 0	1, 1, 0	0, 0, 2
	Sunshine ..	1, 1, 0	0, 2, 0	0, 1, 1	1, 0, 1	0, 1, 1	1, 1, 0	0, 1, 1	1, 0, 1	1, 0, 1	0, 1, 1	1, 1, 0	1, 1, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

Unsettled conditions were maintained throughout the week and showers of rain fell in all parts of the country. Snow or sleet was reported on the evening of the 13th at Oundle (Northampton) and at Wisley (Surrey). Fog occurred in most parts of our Islands, notably during the middle days of the week, when it was exceptionally dense. In many places traffic was considerably interrupted and in some areas in and around London it was almost entirely suspended. At Hampstead between the 9th and 12th there were sixty-two hours of continuous fog. The highest temperatures of the week, which occurred on various dates, were in some places round about 55°F. During the middle days of the period some low day temperatures were recorded, especially in the eastern and south-eastern parts of England, where at a few stations maximum readings of about 35°F. were registered, while at Wisley (Surrey) on the 10th temperature did not rise above 32°F. The lowest of the screen minima, 25°F., occurred at Porton (Salisbury Plain) on the 11th, but ground frosts were recorded in several places, the grass minimum temperature at South Farnborough on the 10th being as low as 15°F. The mean temperature for the week was below the normal in England E., England S.E., and the Channel Islands, but in the other Districts it was above normal, the greatest excess occurring in Scotland. The total amount of rainfall for the week was above the normal in some parts of Scotland and Ireland but in England it was less than normal. Among the largest amounts recorded were:—50mm. at Achnashellach (Ross-shire), 44mm. at Onich (Inverness), 41mm. at Blacksod Point and 39mm. at Mallarany (Mayo) on the 12th. The total amount of sunshine for the week was in excess of the normal at a few stations, notably in the south-east of England and the Channel Islands, but over the country as a whole it was below normal, and at a few places the week was sunless. Lunar halos were seen in various parts of our Islands, generally on the 7th or 8th. Solar halos were observed at Oxford on the 7th and at Ross-on-Wye on the 8th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	53	12th	43	9, 11	49·7	45·6	47·7	+7·4	5	1·26	32	+ 2
Orkneys	Deerness	160	p	53	12th	42	11, 12	50·0	44·3	47·3	+7·1	5	0·44	11	- 15
Hebrides	Stornoway ¶	51	t	54	12th	40	9th	50·6	44·4	47·6	+7·3	7	2·02	51	+12
	Castlebay	37	t	53	12th	44	11th	50·6	48·0	49·4	—	6	0·61	15	—
Caithness	Wick ... ¶	81	t	53	12th	39	9, 10	49·4	43·7	46·7	+7·4	3	0·12	3	- 16
Ross and Cromarty	Strathpeffer ¶	125	a	54	12th	32	10th	51·4	39·6	45·7	+7·6	6	0·92	23	+ 1
	Achnashellach ¶	225	h	56	7th	34	9th	50·3	42·7	46·7	—	6	3·80	96	—
Inverness	Inverness	242	h	55	12th	37	10th	50·6	42·4	46·7	—	6	0·61	15	—
	Fort Augustus ¶	68	a	53	8, 13	31	9, 10	51·5	39·4	45·7	+7·0	—	—	—	—
	Onich ... ¶	48	h	55	7th	42	8, 9, 13	52·3	44·6	48·6	—	7	2·90	74	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	56	12th	35	10th	49·4	42·6	46·1	+8·1	3	0·26	7	- 5
Elgin	Gordon Castle ¶	101	p	57	12, 13	36	8th	53·7	40·7	47·5	+8·5	1	0·02	1	- 14
Aberdeen	Aberdeen ... ¶	46	t	52	12th	38	10th	49·4	44·0	46·8	—	0	0·01	0·2	- 18
	Balmoral ... ¶	930	a	53	12th	31	10th	49·9	38·0	44·2	+9·0	2	0·24	6	- 12
Perth	Crieff ... ¶	478	p	52	12th	37	13th	49·3	41·9	45·8	+7·8	6	1·80	46	+22
Forfar	Dundee	147	a	52	12th	41	8, 9, 10	49·9	42·7	46·4	—	3	0·14	4	—
Fife	Inchkeith ... ¶	190	t	53	12th	45	7, 9, 11	50·9	46·3	48·7	—	2	0·13	3	—
Midlothian	Edinburgh ...	441	p	52	7, 12	42	8th	50·9	44·1	47·6	+8·4	2	0·25	6	- 6
Peebles	West Linton ¶	770	a	52	7th	33	11th	49·0	38·4	43·9	+8·8	5	0·60	15	—
Berwick	Marchmont ¶	498	a	51	10th	37	11th	48·4	40·0	44·4	+6·9	3	0·11	3	- 12
6a. SCOTLAND, W.															
Argyll	Ford ... ¶	149	a	53	13th	38	9th	51·0	42·1	46·7	—	6	2·02	51	—
Renfrew	Renfrew ... ¶	36	t	53	7, 12	37	8th	50·1	45·6	47·9	—	5	1·21	31	—
Bute	Rothesay ... ¶	200	p	52	12th	41	13th	50·6	44·0	47·4	+6·7	7	1·44	37	+ 6
Ayr	Kilmarnock ¶	90	a	53	12th	40	8th	50·7	44·1	47·5	+8·4	4	1·09	28	+ 4
	Colmonell... ¶	170	a	53	12th	37	8, 9	51·1	42·9	47·2	+6·5	4	1·12	28	- 3
Dumfries	Dumfries ... ¶	140	p	51	10th	40	13th	50·0	43·9	47·1	+8·0	5	1·07	27	+ 4
	Eskdalemuir ...	794	t	49	10th	40	7, 9, 13	47·1	42·3	44·8	—	5	1·94	49	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·4	—	7	—	—	—	—	—	—
Deerness §	0·5	- 0·1	7	—	—	—	—	—	—
Stornoway §	0·7	+0·1	11	—	—	—	—	—	—
Castlebay ...	0·9	—	14	—	—	—	—	—	—
Achnashellach	—	—	—	2	24	—	—	—	—
Inverness §	1·4	—	21	0	32	—	—	—	—
Onich ...	0·8	—	11	0	32	—	—	—	—
Nairn §	1·5	—	24	—	—	—	—	—	—
Gordon Castle	1·2	—	19	—	—	—	—	—	—
Aberdeen §	1·0	- 0·1	14	0	32	—	—	45·9	+3·3
Balmoral ...	—	—	—	2	28	—	—	—	—
(Kinc.)Crathes §	—	—	—	3	26	43·0	—	44·4	—
Dundee §	1·0	—	14	0	33	43·6	—	—	—
Inchkeith ...	1·0	—	15	0	40	—	—	—	—
Edinburgh §	1·6	+0·4	23	0	33	—	—	—	—
West Linton...	—	—	—	3	29	—	—	—	—
Marchmont §	0·3	- 0·7	4	—	—	—	—	—	—
Ford ...	—	—	—	2	29	45·5	—	47·0	—
Renfrew ...	0·4	—	6	1	30	—	—	—	—
Rothesay §	0·7	- 0·2	10	0	35	45·3	—	47·0	+2·6
Kilmarnock ...	0·6	—	9	—	—	45·6	—	46·8	—
Colmonell ...	—	—	—	0	33	—	—	—	—
Dumfries ...	0·0	—	0	0	33	45·5	+5·9	46·5	+3·1
Eskdalemuir §	0·1	- 0·8	1	0	37	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, 9h. to 17h. and 17h. to 9h.
a ,, ,, ,, ,, ,, ,, ,, ,, ,, 24 hourly periods ending at 9h.
p ,, ,, ,, ,, ,, ,, ,, ,, ,, 24 ,, ,, ,, ,, 21h.

¶ District Value station for temperature and rainfall.
§ ,, ,, ,, ,, sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	52	8, 10	40	9th	51·1	45·6	48·5	+6·2	6	1·49	38	+10
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	51	7,10,12	36	10th	49·9	41·0	45·6	+7·4	3	0·35	9	− 7
	Tynemouth ¶	118	t	51	12th	38	10th	48·7	43·9	46·4	+6·3	3	0·26	7	− 5
Durham	Durham ... ¶	336	p	52	9th	32	10th	47·9	38·6	43·4	+4·8	2	0·22	6	− 6
York, N. Riding	Rounton ... ¶	249	p	49	9,10,11	34	10th	47·3	39·4	43·5	+5·0	4	0·26	7	− 6
	West Witton ...	605	a	52	10th	36	10th	48·3	42·0	45·3	—	1	0·31	8	—
	Scarborough ¶	118	h	50	11, 12	36	12th	49·3	40·7	45·2	+4·8	3	0·31	8	− 6
	York ... ¶	56	p	50	9th	34	12th	46·4	39·6	43·1	+3·6	4	0·26	7	− 6
E. Riding	Spurn Head ¶	26	t	49	9th	33	12th	44·1	39·1	41·7	+1·0	2	0·40	10	− 2
Lincoln	Lincoln ... ¶	58	a	50	10th	31	12th	45·1	37·4	41·4	+2·4	2	0·33	8	− 5
	Cranwell ... ¶	236	t	51	10th	27	12th	44·0	35·1	39·7	+0·5	1	0·42	11	− 2
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	48	8, 9	27	11th	42·6	34·3	38·6	− 1·9	2	0·22	5	− 8
	Yarmouth ... ¶	13	t	50	7th	30	11th	41·1	35·0	38·2	− 2·1	2	0·20	5	− 11
	Norwich ... ¶	93	a	48	7th	28	11th	40·9	33·6	37·4	− 2·3	3	0·22	6	− 11
	Geldeston ... ¶	37	a	51	7th	28	10, 11	42·3	33·6	38·1	− 2·3	3	0·28	7	− 8
Cambridge	Cambridge ¶	41	p	49	9th	27	11th	42·6	33·0	38·0	− 1·8	1	0·22	6	− 7
Hertford	Rothamsted ¶	420	a	48	9th	28	11th	41·0	32·4	36·9	− 2·8	2	0·14	4	− 14
Middlesex	Tottenham ¶	51	p	50	7th	33	10, 11	42·0	35·6	38·9	—	1	0·15	4	—
Essex	Clacton-on-Sea ¶	55	t	50	7th	28	11th	41·6	36·6	39·2	− 1·3	3	0·30	8	− 4
	Southend	90	h	52	7th	31	10th	42·0	35·1	39·2	—	4	0·30	8	—
4. MIDLAND COUNTIES.															
York, W. Riding	Harrogate ¶	479	t	52	10th	35	12th	47·3	40·3	43·9	+5·3	3	0·57	15	− 5
	Sheffield	429	p	—	—	—	—	—	—	—	—	—	—	—	—
Derby	Buxton	987	p	48	9,10,11	31	12th	45·1	39·9	42·6	+5·4	3	0·48	12	− 25
Nottingham	Worksop(Hods'ck)¶	56	a	52	10th	34	12th	47·6	40·7	44·3	+4·9	3	0·38	10	− 6
	Nottingham ¶	192	a	50	9th	32	12th	46·6	39·1	43·0	+3·7	2	0·33	8	− 7
Warwick	Birmingham (Edg)¶	525	t	51	9th	33	12th	46·4	40·1	43·4	+3·8	1	0·16	4	− 14
Northampton	Oundle ... ¶	147	a	51	10th	30	11th	44·3	35·4	40·0	—	1	0·33	8	—
Oxford	Oxford ... ¶	208	p	50	9th	31	11th	44·7	36·6	40·8	+0·4	2	0·28	7	− 9
Stafford	Cheadle ... ¶	646	a	48	9, 10	32	12th	45·3	38·3	41·9	+3·5	4	0·35	9	− 13
Worcester	Tenbury ... ¶	313	p	53	9th	33	12th	48·3	39·6	44·1	+3·6	1	0·16	4	− 10
	Malvern	377	h	50	9th	32	11th	45·3	39·1	42·3	—	2	0·15	4	—
Hereford	Hereford ... ¶	291	a	51	9th	30	11, 12	46·3	37·7	42·2	+2·1	1	0·19	5	− 14
Gloucester	Clifton ... ¶	225	a	51	9th	33	11, 12	46·9	39·9	43·5	+1·7	1	0·30	7	− 18
5. ENGLAND, S.E.															
London	Westminster ...	27	a	51	7th	33	11th	44·1	37·7	41·0	− 1·3	1	0·09	2	− 11
	Greenwich ‡ ...	149	a	50	7th	29	11th	42·4	33·6	38·2	− 2·9	2	0·16	4	− 10
	Hampstead ...	450	p	48	7th	32	11, 12	42·0	35·9	39·1	—	2	0·15	4	—
	Camden Square ...	110	a	49	7th	34	12th	43·1	37·6	40·5	− 0·9	1	0·11	3	− 12
Surrey	Richmond (KewO)¶	18	t	50	7th	30	10, 11	41·7	34·7	38·3	− 3·0	3	0·11	3	− 11
	Wisley ... ¶	150	a	51	7th	27	10, 11	42·1	32·7	37·6	− 3·2	2	0·10	3	− 12
Kent	Tunbridge Wells ¶	354	h	52	7th	26	10th	42·6	32·6	37·8	− 3·2	1	0·13	3	− 16
	Margate ... ¶	51	h	53	7th	33	10th	43·9	37·1	40·6	− 1·6	1	0·31	8	− 6
	Dungeness ¶	21	t	52	7th	26	11th	42·9	35·3	39·3	− 3·3	1	0·12	3	− 14
Sussex	St. Leonards ¶	178	h	53	7th	35	11, 13	44·4	38·6	41·6	− 1·0	3	0·19	5	− 14
	Worthing	36	h	52	7th	30	11th	45·0	36·7	41·0	—	1	0·22	6	—
I. of Wight	Ventnor ... ¶	59	a	52	9th	36	13th	49·3	42·1	45·8	+1·0	1	0·22	6	− 14
Hampshire	Southampton ¶	64	p	53	9th	28	11th	46·1	35·1	40·8	− 1·9	2	0·37	9	− 14
Wiltshire	Marlborough ¶	424	a	52	9th	29	11, 12	46·1	34·7	40·6	+0·9	2	0·41	10	− 12
	Porton ¶	363	a	51	9th	25	11th	45·6	32·1	39·1	—	2	0·02	1	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	50	7,10,13	38	10th	49·7	43·7	46·8	+7·3	6	0·68	17	− 10
	Newton Rigg ¶	559	p	51	7, 9	33	10th	49·9	39·6	45·0	+7·0	6	0·67	17	− 10
Lancashire	Stonyhurst ¶	377	a	49	10th	34	12th	46·7	40·6	43·8	+4·1	4	0·86	22	− 8
	Blackpool ¶	66	h	51	10th	36	12th	48·0	42·4	45·3	+4·6	4	0·59	15	− 5
	Southport ¶	37	h	50	10th	36	12th	47·7	43·2	45·5	+4·7	4	0·57	15	− 5
Manchester	Whitworth Pk. ¶	125	p	51	10th	35	12th	48·9	43·1	46·1	+5·2	5	0·50	13	− 7
Cheshire	Liverp'l (Bidston) ¶	189	a	50	7,10,11	34	12th	48·6	42·9	45·9	+4·4	4	0·69	17	+ 1
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	53	10th	35	12th	50·1	41·1	45·8	+3·7	3	0·57	14	0
Carnarvon	Llandudno ¶	22	h	58	12th	40	10th	52·7	45·7	49·3	+5·9	4	0·33	8	− 11
Anglesey	Holyhead ¶	26	t	54	9th	45	12th	51·7	47·7	49·8	+5·9	5	0·88	22	− 4
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	53	9,10,13	36	12th	52·1	45·9	49·1	—	4	0·57	14	—
Pembroke	St. Ann's Hd. ¶	150	t	53	9,10,12	41	12th	51·4	47·4	49·5	+4·3	4	0·68	17	− 11
Radnor	Rhayader ¶	757	a	52	9th	32	12th	47·3	40·4	44·0	—	1	0·33	9	—
Glamorgan	Cardiff ... ¶	202	p	50	9, 10	37	7th	47·6	41·0	44·4	+3·0	1	0·24	6	− 25
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	51	7, 9	32	11th	45·6	38·7	42·8	+1·4	1	0·36	9	− 12
Dorset	Shaftesbury ¶	722	a	50	7, 9	34	13th	46·1	38·7	42·6	+2·5	1	0·01	0·3	− 22
	Portland Bill ¶	19	t	54	9th	41	13th	49·9	46·0	48·0	+2·8	1	0·35	9	− 10
Devon	Arlington ¶	613	a	52	9th	30	11th	48·4	40·5	44·6	+3·1	3	0·62	16	− 25
	Cullompton ¶	202	a	56	8th	33	7th	50·1	40·4	45·4	+3·6	1	0·28	7	− 23
	Plymouth ¶	116	p	53	7, 9	32	11th	50·9	41·9	43·6	+2·0	2	0·30	8	− 22
Cornwall	Newquay ...	190	h	53	9th	38	11th	50·5	44·9	47·8	+1·9	2	0·42	11	− 16
	Falmouth ¶	167	h	53	7, 8, 9	40	11th	51·3	46·9	49·2	+3·6	4	0·65	17	− 21
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	55	12th	41	9, 13	50·6	46·1	48·4	+5·0	4	0·40	10	− 9
Mayo	Blacksod Point ¶	10	t	54	12th	40	8th	52·3	45·9	49·2	+5·3	7	2·32	59	+25
	Mallaranny ...	120	a	53	7,11,12	37	9th	51·4	45·1	48·4	—	6	2·50	63	—
Sligo	Markree Castle ¶	122	p	55	12, 13	32	8th	52·6	41·6	47·3	+6·7	6	0·66	17	− 10
Armagh	Armagh ... ¶	204	p	54	12th	35	8th	50·7	41·3	46·2	+5·9	4	0·54	14	− 4
Down	Donaghadee ¶	35	t	52	7th	36	8th	50·3	41·4	46·0	+4·2	6	0·60	15	− 3
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	56	12th	39	10th	53·4	43·9	48·8	+6·0	5	0·31	8	− 6
King'sCounty	Birr Castle ¶	175	t	54	12th	35	8, 10	50·4	41·9	46·3	+5·4	5	0·80	20	+ 1
Kilkenny	Kilkenny ¶	182	a	52	7,10,12	32	10th	50·7	40·6	45·9	+4·8	7	0·68	17	− 3
Waterford	Waterford ¶	137	a	53	11th	37	10th	52·0	44·6	48·5	+5·8	7	1·18	30	+ 4
	Seskin, Carrick-on-Suir	542	p	52	10th	37	10th	50·3	42·4	46·5	—	7	1·50	38	—
Limerick	Foynes ... ¶	50	a	55	11, 12	38	10th	51·6	42·9	47·4	+4·3	4	1·07	27	0
Kerry	Cahirciveen ¶	30	t	54	7, 12	37	8th	51·7	46·4	49·2	+3·6	5	1·33	34	− 3
	Killarney ¶	174	a	57	11th	37	8, 9	52·6	43·2	48·1	+4·4	7	2·03	52	+11
Cork	Roche's Point ¶	32	t	53	7th	38	9th	51·6	46·7	49·3	+4·4	6	1·13	29	− 1
11. CHANNEL ISLES & SCILLY															
Scilly	St. Mary's ¶	131	t	55	7th	45	11th	53·6	49·4	51·6	+3·9	4	0·55	14	− 13
Guernsey	Grange ... ¶	173	p	50	7th	33	12th	46·7	38·7	42·9	− 2·8	1	0·42	11	− 14
Jersey	St. Heliers ¶	28	h	51	7th	34	12th	45·6	39·1	42·5	− 3·1	1	0·35	9	− 16

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Lowest Reading	Earth 1 ft. Mean	Deviation from normal	Earth 4 ft. Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	0·4	− 0·9	5	0	36	—	—	—	—
Cockle Park §	1·3	− 0·1	18	0	31	43·9	+5·9	45·2	+3·2
Tynemouth ...	—	—	—	0	35	—	—	—	—
Durham §	1·4	+0·1	19	1	27	—	—	—	—
Rounton ...	—	—	—	1	26	43·3	—	—	—
West Witton	—	—	—	2	29	42·6	—	45·1	—
Scarborough †§	0·3	− 0·7	4	0	31	—	—	46·8	—
York §	0·2	− 0·6	2	—	—	44·7	+3·6	47·1	+2·0
Spurn Head ..	0·6	—	9	—	—	—	—	—	—
Lincoln ...	—	—	—	1	29	43·3	+3·5	47·2	+2·3
Cranwell §	0·4	− 0·9	5	3	22	—	—	—	—
Skegness §	0·2	− 1·4	3	—	—	—	—	—	—
Cromer §	1·1	− 0·3	15	—	—	—	—	—	—
Yarmouth §	1·1	—	14	4	27	41·9	0·0	47·7	+1·4
Norwich ...	0·9	—	11	4	25	40·4	—	—	—
Geldeston §	1·2	− 0·2	16	—	—	—	—	—	—
Cambridge §	0·4	− 0·9	5	5	26	42·9	+1·5	48·5	+2·4
Rothamsted §	0·5	− 0·9	7	5	27	41·5	—	—	—
Tottenham §	0·0	—	0	—	—	—	—	—	—
Clacton-on-Sea§	0·9	− 0·6	12	1	27	43·2	+0·3	48·7	+1·3
Southend ...	1·2	—	15	1	30	44·2	—	—	—
Harrogate §	0·4	− 0·9	5	2	29	44·3	+4·0	45·6	+2·8
Sheffield §	—	—	—	—	—	—	—	—	—
Buxton ...	0·0	—	0	0	33	42·8	+4·5	45·6	+1·8
Worksop §	0·0	− 0·9	0	2	28	44·1	—	46·4	—
Nottingham §	0·0	− 0·9	0	0	32	43·6	+4·1	46·1	+3·0
Birmingham §	0·3	+0·7	3	0	32	44·4	+2·5	47·9	+1·5
Oundle ...	0·5	—	7	3	29	43·8	—	48·1	—
Oxford §	0·6	− 0·8	8	3	27	—	—	—	—
Cheadle ...	—	—	—	0	33	—	—	—	—
Tenbury ...	—	—	—	3	28	44·5	—	—	—
Malvern ...	1·7	—	21	2	27	43·7	—	46·8	—
Ross on Wye§	0·3	—	4	3	27	44·4	—	47·8	—
Clifton §	0·6	− 0·6	8	0	31	—	—	—	—
Westminster	0·1	− 0·5	1	2	28	—	—	—	—
Greenwich ...	0·6	− 0·5	8	4	24	—	—	—	—
Hampstead ...	0·4	—	5	4	24	—	—	—	—
Camden Square	—	—	—	0	32	43·4	—	48·5	—
Richmond § (Kew Obs.)	0·5	− 0·7	7	3	25	41·7	+0·1	48·7	+1·4
Wisley §	0·6	− 0·8	8	5	22	42·2	0·0	48·5	+2·3
Tunbridge W'ls§	1·9	+0·4	23	4	20	44·2	—	49·4	—
Margate §	0·6	− 0·8	7	1	28	43·8	+0·2	49·3	+2·6
Folkestone §	1·2	—	15	5	22	—	—	50·1	—
St. Leonards §	1·8	0·0	23	3	26	43·2	—	49·7	—
Worthing §	2·3	+0·5	28	4	25	44·0	+0·8	50·0	+2·1
Ventnor §	2·3	+0·6	29	—	—	—	—	—	—
Southampton§	1·3	− 0·3	16	4	24	—	—	—	—
Marlborough§	1·5	+0·3	19	4	27	43·2	—	48·5	—
Porton ...	1·6	—	20	4	24	42·7	—	—	—
Aspatria §	0·5	− 0·5	7	0	36	45·7	+5·1	47·0	+2·1
Newton Rigg§	0·6	− 0·3	9	1	28	—	—	—	—
Stonyhurst §	0·0	− 0·8	0	0	32	—	—	—	—
Blackpool §	0·0	− 1·0	0	0	32	46·0	—	48·1	—
Southport §	0·1	− 0·9	1	0	33	44·1	+4·9	46·1	+2·8
Whitworth Pk.	0·0	− 0·4	0	—	—	—	—	—	—
Oldham Road	0·0	− 0·2	0	0	34	45·1	+4·7	47·3	+1·8
Bidston ..	0·8	—	11	0	32	—	—	—	—
(Chas.)Hoylake§	0·9	− 0·3	12	—	—	—	—	—	—
Llandudno §	1·0	− 0·2	13	—	—	—	—	—	—
Holyhead ...	0·7	—	9	0	43	—	—	—	—
Aberystwyth§	0·1	− 1·1	1	—	—	—	—	—	—
St. Ann's Hd §	0·6	− 0·7	8	—	—	—	—	—	—
Rhayader §	0·0	—	0	0	32	—	—	—	—
Cardiff ...	0·3	—	4	1	29	45·7	+3·7	48·7	+2·1
Bath ... §	1·0	− 0·3	13	—	—	46·0	—	50·0	—
Shaftesbury...	—	—	—	—	—	—	—	48·1	—
Weymouth ...	0·8	—	10	—	—	—	—	—	—
Arlington ...	—	—	—	1	27	—	—	—	—
Cullompton §	0·0	− 1·2	0	2	27	46·4	—	—	—
Plymouth §	1·4	− 0·1	18	1	29	46·6	+2·0	50·5	—
Newquay §	1·1	− 0·5	14	—	—	48·9	—	50·7	—
Falmouth §	0·4	− 1·4	5	0	36	48·6	—	50·2	—
Malin Head...	1·2	—	18	—	—	—	—	—	—
Mallaranny ..	1·6	—	22	—	—	—	—	—	—
MarkreeC'stle§	0·9	− 0·2	12	—	—	46·4	+3·9	48·5	+1·6
Armagh §	0·6	− 0·7	8	0	35	45·7	+3·9	47·7	+1·9
Trinity Coll.	—	—	—	0	31	46·3	+3·4	48·0	+1·8
Phœnix Park §	1·3	− 0·3	17	1	29	—	—	—	—
Dublin City ...	—	—	—	0	33	—	—	—	—
Birr Castle §	1·6	+0·1	21	3	28	—	—	—	—
Seskin ...	0·9	—	11	2	30	—	—	—	—
Cahirciveen (Valencia O.)§	1·4	0·0	18	0	34	—	—	—	—
Ballinacurra §	0·7	− 0·8	8	—	—	—	—	—	—
St. Mary's §	1·3	− 0·6	16	—	—	—	—	—	—
Grange §	2·8	+1·1	34	3	28	43·9	− 2·4	50·8	+0·9
St. Heliers §	2·4	+0·5	30	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, December 13th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind ‡‡. More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	7, 12, 13	9	7 to 10, 12, 13	80	70	9	0	0	210	42	19	7	20	59	26	13	10	10
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	6, 7, 10, 12	23	106	37	2	0	200	30	13	12	8	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	13	1	56	96	15	0	190	25	11	13	7	45	20	13	7	0
Edinburgh Edinburgh ...	485	39	31	13	5	7, 8, 12, 13	53	47	57	6	0	200	41	18	13	9	67	30	13	9	20
6d. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	7, 12, 13	21	43	97	7	0	190	37	17	13	7	66	30	13	10	30
Dumfries Eskdalemuir ...	825	50	22	—	0	7, 8, 12, 13	36	46	68	18	0	200	32	15	13	10	51	23	13	9	45
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	—	0	50	99	19	0	190	22	10	7	23	36	16	7	23	50
York, E.R. Spurn Head ...	67	41	‡	—	0	13	7	85	59	17	0	180	27	12	13	19	34	15	13	10	10
Lincoln Cranwell ...	280	43	31	—	0	13	3	44	54	67	0	170	26	12	13	12	33	15	13	12	25
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	—	0	44	71	53	0	180	20	9	13	16	29	13	13	15	55
Essex Shoeburyness...	103	90	‡	—	0	—	0	60	40	65	3	200	23	10	13	17	29	13	13	17	45
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	1	76	91	0	190	12	5	13	15	23	11	13	13	10
Surrey Croydon ...	284	40	24	—	0	—	0	16	74	57	21	150	20	9	8	9	31	14	13	16	25
Kent Lympne ...	409	70	‡	—	0	—	0	35	79	54	0	170	18	8	13	24	25	11	13	24	0
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	2	99	25	42	190	14	6	13	7	22	10	13	9	5
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	—	0	52	59	57	0	170	22	10	22	12	30	13	13	13	40
Wiltshire Larkhill ...	513	63	43	—	0	—	0	31	102	33	2	160	19	9	13	20	25	11	13	19	45
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	13	1	81	68	18	0	150	25	11	13	10	36	16	13	9	30
Lancashire Southport ...	80	62	48	—	0	—	0	71	92	5	0	170	23	10	13	11	38	17	13	22	35
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	7, 12, 13	17	103	35	13	0	190	32	14	13	7/8	53	24	13	8	55
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	7, 13	10	33	90	35	0	—	30	13	13	16	40	18	13	16	45
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	7, 13	18	50	59	41	0	180	37	17	7	15	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	7, 12, 13	8	56	88	16	0	—	30	13	7	10	42	19	7	10	20
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	7, 12, 13	27	57	59	25	0	190	33	15	13	3	56	25	13	3	15
Cork Weaver Pt. ...	160	30	‡	—	0	7, 12, 13	25	38	54	51	0	—	33	15	13	6	51	23	13	6	25
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	13	5	61	55	47	0	—	26	12	13	10	38	17	13	9	50

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	25	15	6·8	26	16	7·3	19	9	4·1	14	7	3·1	25	14	6·2	18	7	3·3	19	15	6·5	21	13	6·0
North	1	2	0·8	1	1	0·5	0	—	—	0	—	—	0	—	—	1	4	2·0	1	3	1·3	0	—	—
West	20	8	3·4	27	10	4·4	17	3	1·2	3	2	0·8	20	5	2·3	12	12	5·2	6	11	4·7	3	15	6·6
East	1	2	1·1	0	—	—	0	—	—	4	2	0·9	0	—	—	4	5	2·1	6	2	1·0	17	2	0·8
Calm (or wind-speed < 4 m.p.h.)	1	—	—	1	—	—	9	—	—	14	—	—	2	—	—	6	—	—	7	—	—	7	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	3	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 18th December, 1924.

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21 JAN 1925

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ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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FORTY-SEVENTH YEAR. Vol. XLI. (New Series) } No. 51.

FIFTY-FIRST WEEK.
SUNDAY, DECEMBER 14TH, TO SATURDAY, DECEMBER 20TH, 1924.

Price 9d. Net, Post free 9½d.
Annual Subscription (including Postage), £2 0s. 0d.

I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
FIFTY-FIRST WEEK of 1924—December 14th to December 20th, 1924.																			
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	57	28	48·9	40·3	44·8	+5·6	24	+16	5	-22	5	0	1·16	29	+1	0·8	+0·2	13	1005
Eastern.																			
1. SCOTLAND, EAST ...	57	23	48·3	38·9	43·8	+6·0	21	+15	9	-27	4	0	0·32	8	-6	1·2	+0·3	18	1009
2. ENGLAND, N.E. ...	55	32	48·6	40·2	44·6	+5·7	23	+15	5	-24	2	-2	0·20	5	-6	1·4	+0·3	19	1015
3. ENGLAND, EAST ...	55	30	47·7	39·2	43·6	+4·8	19	+11	8	-23	3	-1	0·31	8	-1	1·2	-0·2	15	1019
4. MIDLAND COUNTIES	55	30	48·7	38·9	44·0	+5·3	23	+14	9	-24	2	-2	0·35	9	-2	1·3	+0·3	18	1017
5. ENGLAND, S.E. ...	53	26	48·5	40·2	44·5	+3·8	23	+10	5	-17	3	0	0·67	17	+4	1·3	-0·3	16	1020
Western.																			
6. SCOTLAND, WEST[1] ...	55	29	49·8	40·8	45·5	+5·1	28	+18	3	-19	5	+1	0·64	16	-11	0·8	-0·3	11	1012
7. ENGLAND, N.W.[2] ...	58	33	51·0	43·2	47·2	+6·9	36	+25	0	-23	4	0	0·32	8	-9	1·0	0·0	14	1015
8. ENGLAND, S.W.[3] ...	56	30	50·5	42·1	46·5	+4·2	31	+14	0	-14	4	0	0·88	22	0	1·2	-0·2	16	1018
9. IRELAND, NORTH ...	56	33	51·4	42·0	46·9	+5·5	34	+21	0	-18	4	-1	0·42	11	-10	1·4	+0·3	20	1009
10. IRELAND, SOUTH ...	57	37	52·4	45·0	48·9	+6·1	48	+27	0	-14	5	0	0·79	20	-5	1·4	-0·1	19	1014
11. CHANNEL ISLANDS[4]	53	39	51·2	44·8	48·1	+2·4	43	+13	0	-4	3	-2	0·40	10	-7	2·5	+0·9	31	1019
MEAN: DISTRICTS 1-10	58	23	49·7	41·1	45·5	+5·3	29	+17	4	-20	4	-1	0·49	12	-5	1·2	0·9	17	1015
THE SEASON (Winter).—Aggregates, &c., for the Period of 3 Weeks, November 30th to December 20th, 1924.																			
0. SCOTLAND, NORTH...	57	28	49·3	41·4	45·5	+6·4	81	+57	8	-71	16	-1	4·10	104	-4	0·7	+0·1	11	1004
Eastern.																			
1. SCOTLAND, EAST ...	57	23	48·4	39·9	44·3	+6·3	66	+45	18	-83	13	0	1·49	38	-17	1·1	0·0	17	1008
2. ENGLAND, N.E. ...	55	27	48·2	40·9	44·6	+5·0	67	+40	12	-65	10	-2	1·46	37	-4	1·1	-0·1	15	1014
3. ENGLAND, EAST ...	58	27	46·9	39·4	43·3	+3·5	62	+29	35	-45	9	-4	1·00	26	-14	1·4	0·0	18	1017
4. MIDLAND COUNTIES	56	30	48·5	40·0	44·4	+4·9	68	+35	18	-69	9	-4	1·55	40	-7	1·0	-0·2	13	1015
5. ENGLAND, S.E. ...	57	25	48·4	40·2	44·4	+2·8	77	+27	25	-31	10	-2	1·62	41	-15	1·7	+0·2	21	1018
Western.																			
6. SCOTLAND, WEST[1] ...	58	29	50·0	42·5	46·4	+5·7	96	+61	3	-54	16	+2	3·46	87	-12	0·6	-0·5	9	1010
7. ENGLAND, N.W.[2] ...	58	33	50·3	43·2	46·9	+5·9	102	+64	0	-59	13	-1	1·84	46	-20	1·0	0·0	14	1013
8. ENGLAND, S.W.[3] ...	56	30	50·6	43·0	47·0	+4·0	104	+43	0	-38	11	-3	2·50	63	-26	1·4	-0·1	17	1015
9. IRELAND, NORTH ...	56	32	51·1	42·4	46·9	+5·4	103	+62	0	-53	14	-2	2·28	59	-12	1·1	-0·1	15	1007
10. IRELAND, SOUTH ...	57	32	52·1	43·8	48·1	+5·0	128	+63	0	-40	16	+1	3·25	82	+2	1·6	+0·1	21	1011
11. CHANNEL ISLANDS[4]	57	33	51·2	45·1	48·3	+1·8	132	+28	0	-10	9	-7	1·50	38	-38	2·7	+0·9	34	1016
MEAN: DISTRICTS 1-10	58	23	49·5	41·5	45·6	+4·9	87	+47	11	-54	12	-1	2·05	52	-13	1·2	-0·1	16	1013
THE YEAR. Aggregates, &c., for the Period of 51 Weeks, December 30th, 1923, to December 20th, 1924.																			
0. SCOTLAND, NORTH...	81	12	51·7	41·7	46·5	+0·8	2084	+36	479	-223	233	-8	47·11	1196	-73	3·1	0·0	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·9	40·1	45·8	-0·2	2055	-197	689	-135	222	+19	31·29	795	+22	3·3	-0·4	27	1010
2. ENGLAND, N.E. ...	87	16	54·1	42·3	47·9	+0·2	2673	+47	552	-51	181	-3	25·61	649	+29	3·7	-0·3	30	1012
3. ENGLAND, EAST ...	87	18	55·6	43·5	49·3	+0·6	3149	+132	534	-94	179	-1	27·17	689	+96	4·2	-0·2	34	1014
4. MIDLAND COUNTIES	87	15	55·2	42·0	48·3	+0·1	2838	-58	573	-113	184	+5	31·94	814	+151	3·4	-0·5	28	1013
5. ENGLAND, S.E. ...	86	17	55·9	44·0	49·8	0·0	3221	-43	445	-27	178	+3	32·25	821	+137	4·5	-0·1	36	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·3	42·0	47·4	-0·1	2426	-103	492	-36	222	+9	44·13	1119	-51	3·2	-0·6	26	1011
7. ENGLAND, N.W.[2] ...	85	20	53·9	43·8	48·7	+0·3	2773	0	386	-93	212	+15	35·27	893	+15	3·6	-0·4	29	1012
8. ENGLAND, S.W.[3] ...	84	14	55·0	44·5	49·6	-0·1	3027	-92	327	-40	196	-1	44·78	1134	+166	3·9	-0·5	31	1013
9. IRELAND, NORTH ...	73	18	54·0	43·6	48·6	+0·4	2660	+18	291	-137	246	+12	40·75	1034	+85	3·2	-0·4	26	1010
10. IRELAND, SOUTH ...	75	21	55·5	44·8	49·9	+0·2	3064	-19	231	-106	237	+28	44·13	1120	+129	3·4	-0·6	27	1012
11. CHANNEL ISLANDS[4]	83	30	56·2	48·1	52·0	-0·2	3661	-110	88	-26	193	-13	33·12	844	+28	4·9	-0·3	40	1014
MEAN: DISTRICTS 1-10	87	2	54·4	43·1	48·5	+0·1	2789	-31	452	-83	206	+9	35·73	907	+78	3·6	-0·4	29	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales. [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England. N.W. (*and N. Wales*).	8. England. S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Very Unusual	Unusual	Very Unusual	Very Unusual	Unusual
	Rainfall ..	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Light	Light	Moderate	Light	Moderate	Moderate
	Sunshine ..	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Abundant

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 3 weeks from November 30th, 1924	Warmth ..	3, 0, 0	3, 0, 0	3, 0, 0	2, 1, 0	3, 0, 0	2, 1, 0	3, 0, 0	3, 0, 0	2, 1, 0	3, 0, 0	3, 0, 0	2, 1, 0
	Rainfall ..	1, 2, 0	0, 2, 1	1, 2, 0	0, 2, 1	1, 2, 0	0, 2, 1	0, 2, 1	0, 2, 1	0, 2, 1	0, 2, 1	1, 2, 0	0, 1, 2
	Sunshine ..	2, 1, 0	0, 3, 0	1, 2, 1	1, 1, 1	0, 2, 1	1, 2, 0	0, 2, 1	1, 1, 1	1, 1, 1	0, 2, 1	1, 2, 0	2, 1, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week over the country as a whole was changeable. Showers of rain fell in all parts of our Islands and at one or two places sleet or hail was reported. There were bright intervals, notably on the first day of the period, when many places had sunshine values exceeding 6 hrs., among the largest amounts being 6·8 hrs. at Farnborough, 6·7 hrs. at Tunbridge Wells, 6·6 hrs. at Portsmouth and 6·5 hrs. at Worthing. The total amount for the week varied a good deal and the departure of the mean daily duration from the normal ranged from +1·7 hrs. at Cranwell and Guernsey to −0·8 hr. at Margate. Mist or fog occurred in various parts of the country. The highest temperatures were recorded generally during the second half of the week, and in some places maxima of 55°F. and above were obtained, the highest reading, 59°F., occurring at Sealand (Chester) on the 20th. The lowest of the screen minima were registered in most places either on the 14th or 15th but at a few stations they were on the 17th, the actual lowest reading 23°F., occurring at Balmoral. Towards the end of the week the nights were decidedly warm for the time of year and in several places screen minimum readings round about 50°F. were registered. Ground frosts were general and at one or two stations grass temperatures of about 20°F. were obtained. The mean temperature for the week was again several degrees above the normal in all Districts, the average excess being about 5°F. Among the largest measurements of rainfall, which occurred generally on the 15th, were:—33mm. at Southampton, 29mm. at Shaftesbury, 28mm. at Marlborough, 26mm. at Portland Bill and 25mm. at Leafield. The total amount of rainfall for the week over the country generally was less than the normal. During a gale at Lerwick on the 19th a gust of 74 m.p.h. was recorded. Aurora was observed at Gordon Castle on the 20th. Lunar halos were seen at Aberdeen, Clacton and Oxford on the 15th. A solar halo was observed at Oxford on the 18th. The Zodiacal Light was seen at Oxford on the 14th and 17th. The Zodiacal Band was observed on the 14th and the Zodiacal Light and Band on the 19th at Wadhurst (Sussex).

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	t	53	18th	38	17th	48·6	42·9	45·9	+5·6	6	1·07	27	+ 5
Orkneys	Deerness	160	p	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides	Stornoway ¶	51	t	53	17, 20	32	15th	48·7	40·3	44·7	+4·5	7	1·84	47	+19
	Castlebay	37	t	52	18, 20	43	14, 16, 19	49·4	45·3	47·4	—	5	0·54	14	—
Caithness	Wick ... ¶	81	t	53	18, 20	35	15th	48·1	40·6	44·5	+5·3	5	0·48	12	− 2
Ross and Cromarty	Strathpeffer ¶	125	a	57	17, 18	28	15, 16	50·1	36·4	43·5	+5·6	4	0·37	9	− 7
	Achnashellach ¶	225	h	56	18th	35	15th	48·1	40·9	44·6	—	6	2·13	54	—
Inverness	Inverness	242	h	54	18th	32	15th	47·9	40·6	44·4	—	2	0·24	6	—
	Fort Augustus ¶	68	a	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	h	55	18th	35	15th	50·1	40·6	45·5	—	5	1·10	28	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	t	55	18th	30	15th	47·1	40·7	44·0	+6·3	3	0·24	6	− 4
Elgin	Gordon Castle ¶	101	p	57	18th	33	15th	50·4	40·6	45·7	+7·0	3	0·21	5	− 7
Aberdeen	Aberdeen ... ¶	46	t	54	18th	29	15th	47·7	41·1	44·5	—	1	0·23	6	− 9
	Balmoral ... ¶	930	a	54	17th	23	15th	47·4	33·3	40·6	+5·7	3	0·36	9	− 6
Perth	Crieff ... ¶	478	p	53	17, 18	30	15th	48·4	38·6	43·7	+6·1	4	0·50	13	− 8
Forfar	Dundee	147	a	54	18th	32	15th	49·1	38·6	44·1	—	3	0·33	8	—
Fife	Inchkeith ... ¶	190	t	55	18th	38	15th	49·1	44·1	46·7	—	3	0·22	6	—
Midlothian	Edinburgh ...	441	p	55	20th	36	15th	48·7	41·9	45·4	+6·4	3	0·30	8	− 2
Peebles	West Linton ¶	770	a	53	17, 18, 20	31	14th	48·3	37·1	42·9	+8·0	7	0·37	9	—
Berwick	Marchmont ¶	498	a	53	20th	29	15th	47·9	35·9	42·1	+5·0	5	0·44	11	− 2
6a. SCOTLAND, W.															
Argyll	Ford ... ¶	149	a	54	16, 18	31	16th	51·1	36·0	43·9	—	6	0·91	23	—
Renfrew	Renfrew ... ¶	36	t	54	17, 18	29	15th	49·0	40·7	45·0	—	4	0·48	12	—
Bute	Rothesay ... ¶	200	p	55	17, 18	38	14, 15, 16	50·1	40·1	45·3	+4·9	6	0·82	21	− 6
Ayr	Kilmarnock ¶	90	a	54	17th	35	17th	49·6	40·7	45·3	+6·4	5	0·72	18	− 3
	Colmonell... ¶	170	a	54	17, 20	38	15, 17	50·1	43·1	46·7	+6·2	5	0·70	18	− 9
Dumfries	Dumfries ... ¶	140	p	52	17, 18, 20	31	15th	49·1	40·4	44·9	+6·2	4	0·50	13	− 6
	Eskdalemuir ...	794	t	49	18, 20	28	15th	45·1	38·1	41·7	—	6	1·13	29	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·1	—	2	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	0·5	− 0·2	7	—	—	—	—	—	—
Castlebay ...	0·4	—	6	—	—	—	—	—	—
Achnashellach	—	—	—	3	27	—	—	—	—
Inverness §	1·1	—	17	1	25	—	—	—	—
Onich ...	0·2	—	3	1	29	—	—	—	—
Nairn §	1·4	—	22	—	—	—	—	—	—
Gordon Castle	1·7	—	27	—	—	—	—	—	—
Aberdeen §	0·8	− 0·2	13	3	22	—	—	45·4	+3·4
Balmoral ...	—	—	—	3	21	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	0·8	—	12	2	26	43·6	—	—	—
Inchkeith ...	1·5	—	22	0	31	—	—	—	—
Edinburgh §	1·6	+0·4	24	1	30	—	—	—	—
West Linton...	—	—	—	3	28	—	—	—	—
Marchmont §	1·3	+0·3	19	—	—	—	—	—	—
Ford ...	—	—	—	4	25	45·2	—	46·6	—
Renfrew ...	1·1	—	16	4	21	—	—	—	—
Rothesay §	0·6	− 0·4	9	0	31	44·0	—	47·0	+3·1
Kilmarnock ...	0·5	—	7	—	—	44·1	—	46·9	—
Colmonell ...	—	—	—	0	33	—	—	—	—
Dumfries ...	0·4	—	6	3	25	44·2	+5·1	46·3	+3·5
Eskdalemuir §	0·5	− 0·7	8	2	25	—	—	—	—

* *t* signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
† Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	53	19th	40	15, 17	49·9	44·3	47·2	+5·2	5	0·38	10	− 14
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	55	20th	32	15th	49·0	39·1	44·3	+7·1	2	0·22	6	− 7
	Tynemouth ¶	118	t	55	18, 20	37	14, 15	49·7	43·6	46·8	+7·7	2	0·14	3	− 7
Durham	Durham ... ¶	336	p	54	18th	32	14, 15	48·7	39·3	44·2	+6·6	1	0·17	4	− 6
York,	Rounton ... ¶	249	p	53	18, 19	33	14, 15, 17	48·1	38·9	43·7	+6·1	3	0·18	5	− 5
N. Riding	West Witton ...	605	a	53	18th	34	15, 16	48·4	39·4	44·1	—	5	0·26	7	—
	Scarborough ¶	118	h	52	18, 19, 20	37	14, 15	48·3	41·6	45·1	+5·8	1	0·22	6	− 5
	York ... ¶	56	p	55	18th	35	14, 15	49·0	39·7	44·5	+6·0	2	0·14	4	− 6
E. Riding	Spurn Head ¶	26	t	52	20th	37	15, 17	47·3	41·3	44·4	+4·8	3	0·19	5	− 4
Lincoln	Lincoln ... ¶	58	a	53	19, 20	33	14th	49·1	38·7	44·1	+6·1	1	0·19	5	− 5
	Cranwell ... ¶	236	t	54	19th	33	15th	48·1	39·6	44·0	+5·9	3	0·32	8	− 3
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	53	19th	32	14th	47·9	38·7	43·5	+4·5	3	0·17	4	− 4
	Yarmouth ... ¶	13	t	53	19th	33	15th	47·7	39·6	43·8	+4·9	1	0·34	9	− 1
	Norwich ... ¶	93	a	52	20th	32	15th	47·4	38·6	43·2	+4·9	3	0·45	11	+ 1
	Geldeston ... ¶	37	a	—	—	—	—	—	—	—	—	—	—	—	—
Cambridge	Cambridge ¶	41	p	55	19th	30	15th	49.1	37·6	43·6	+5·2	1	0·07	2	− 5
Hertford	Rothamsted ¶	420	a	50	19th	30	15th	47·3	37·7	42·7	+4·3	5	0·60	15	+ 4
Middlesex	Tottenham ¶	51	p	52	19, 20	34	15th	48·6	41·0	45.0	—	3	0·30	8	—
Essex	Clacton-on-Sea ¶	55	t	48	19, 20	38	14, 15	45·9	41·1	43·6	+4·5	3	0·24	6	− 1
	Southend	90	h	50	19th	37	14, 15	46·1	41·1	43·7	—	4	0·18	5	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	53	18th	34	15th	48·1	40·9	44·6	+7·1	2	0·15	4	− 9
W. Riding	Sheffield	429	p	53	18, 19	36	15th	49·1	41·9	45·6	—	2	0·25	6	− 8
Derby	Buxton	987	p	50	17, 19, 20	35	15, 16	46·9	39·6	43·4	+7·2	2	0·55	14	− 9
Nottingham	Worksop(Hods'ck)¶	56	a	53	19, 20	33	14, 15	49.3	38·4	44·1	+5·8	3	0·25	6	− 4
	Nottingham ¶	192	a	52	19, 20	31	14th	48·6	37·7	43·4	+5·1	2	0·17	4	− 5
Warwick	Birmingham (Edg)¶	525	t	53	19th	35	15th	47·6	41·1	44·5	+5·9	1	0·41	10	− 1
Northampton	Oundle ... ¶	147	a	55	19th	30	14th	48·6	37·1	43·1	—	2	0·75	19	—
Oxford	Oxford ... ¶	208	p	53	19, 20	32	17th	49·1	39·6	44·5	+5·1	3	0·86	22	+12
Stafford	Cheadle ... ¶	646	a	51	20th	32	14, 15	47·0	36·0	41·7	+4·4	3	0·20	5	− 9
Worcester	Tenbury ... ¶	313	p	54	19th	30	17th	49·3	39·9	44·8	+5·2	2	0·27	7	− 2
	Malvern	377	h	53	19th	38	14, 15	48·6	42·4	45·6	—	2	0·36	9	—
Hereford	Hereford ... ¶	291	a	54	19th	30	18th	50·0	37·3	43·9	+4·8	2	0·20	5	− 7
Gloucester	Clifton ... ¶	225	a	54	19th	34	17th	49·9	40·6	45·4	+4·6	2	0·26	7	− 9
5. ENGLAND, S.E.															
London	Westminster ...	27	a	53	19th	32	15th	49·4	40·7	45·2	+4·6	3	0·26	7	− 2
	Greenwich ‡ ...	149	a	52	19th	33	15th	48·6	39·0	44·0	+4·6	3	0·29	7	− 2
	Hampstead ...	450	p	50	19, 20	35	14th	47·6	39·9	43·9	—	3	0·34	9	—
	Camden Square ...	110	a	52	19th	33	15th	48·0	41·0	44·6	+4·9	3	0·26	7	− 2
Surrey	Richmond (KewO)¶	18	t	53	19th	31	15th	48·3	40·4	44·5	+4·9	2	0·20	5	− 4
	Wisley ... ¶	150	a	51	19th	34	14th	48·4	39·9	44·3	+5·1	3	0·52	13	+ 2
Kent	Tunbridge Wells ¶	354	h	51	20th	34	15th	48·0	39·9	44·1	+4·8	3	0·69	18	+ 5
	Margate ... ¶	51	h	51	19th	37	14th	48·6	41·7	45·3	+4·9	2	0·15	4	− 5
	Dungeness ¶	21	t	50	18, 19, 20	38	14th	49·0	44·0	46·6	+5·7	2	0·59	15	+ 3
Sussex	St. Leonards ¶	178	h	51	20th	37	14th	48·4	42·7	45·7	+4·8	4	0·48	12	− 1
	Worthing	36	h	51	16th	32	15th	47·8	40·2	44·2	—	3	0·52	13	—
I. of Wight	Ventnor ... ¶	59	a	52	16th	37	14th	50·4	42·1	46·4	+3·3	4	0·46	12	− 2
Hampshire	Southampton ¶	64	p	52	19th	32	17th	49·3	38 3	44·0	+3·0	4	1·40	36	+21
Wiltshire	Marlborough ¶	424	a	52	19th	29	17th	46·9	36·7	42·0	+3·9	5	1·25	32	+17
	Porton ¶	363	a	51	19th	26	17th	48·1	36·4	42·5	—	5	0·95	24	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	—	—	—	—	—	—	—	—	—	—	—	—
	Newton Rigg ¶	559	p	57	19th	33	15th	51·3	42·0	46·8	+9·7	4	0·49	12	− 7
Lancashire	Stonyhurst ¶	377	a	54	18th	36	14th	49·3	40·4	45·0	+6·3	4	0·40	10	− 12
	Blackpool ¶	66	h	54	17, 18	38	15th	50·0	43·0	46·6	+6·9	5	0·35	9	− 6
	Southport ¶	37	h	56	18th	38	15th	50 5	43·7	47·2	+7·4	3	0·39	10	− 4
Manchester	Whitworth Pk. ¶	125	p	54	18, 19, 20	36	14, 15	50·1	41·9	46·2	+6·2	3	0·38	10	− 4
Cheshire	Liverp'l (Bidston) ¶	189	a	55	18th	39	15th	50·6	44·4	47·6	+7·1	3	0·19	5	− 7
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	58	20th	37	17th	53·0	42·0	47·7	+6·5	2	0·23	6	− 4
Carnarvon	Llandudno ¶	22	h	56	20th	40	15, 17	52·3	47·7	48·7	+6·2	3	0·17	4	− 10
Anglesey	Holyhead ¶	26	t	53	18, 19	43	17th	51·1	46·6	48·9	+5·9	6	0·32	8	− 11
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	54	17, 18, 20	39	17th	51·9	44·7	48·4	—	3	0·35	9	—
Pembroke	St. Ann's Hd. ¶	150	t	52	15, 18, 19	44	16th	51·1	47·4	49·3	+5·0	7	1·00	25	+ 5
Radnor	Rhayader ¶	757	a	51	19th	33	16, 17	48·4	39·4	44·1	—	4	0·74	19	—
Glamorgan	Cardiff ... ¶	202	p	56	19th	34	17th	51·3	40·1	45·9	+5·4	4	0·54	14	− 8
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	55	19th	32	14, 15, 17	50·4	41·1	45·9	+5·4	3	0·60	15	0
Dorset	Shaftesbury ¶	722	a	51	19th	36	14, 17	47·7	39·9	44·0	+4·9	4	1·29	33	+17
	Portland Bill ¶	19	t	53	19th	43	17th	51·0	48·1	49·6	+5·3	3	1·07	27	+13
Devon	Arlington ¶	613	a	53	19th	33	17th	49.6	39·8	44·9	+4·3	5	0·90	23	− 7
	Cullompton ¶	202	a	54	19th	30	17th	51·0	36·4	44·0	+3·1	4	0·72	18	− 2
	Plymouth ¶	116	p	53	15, 17, 20	36	17th	52·3	43·6	48·1	+4·3	4	0·91	23	+ 1
Cornwall	Newquay ...	190	h	54	19th	38	17th	51·8	44·9	48·5	+3·4	6	0·44	11	− 8
	Falmouth ¶	167	h	53	15, 17, 19	40	17th	52·1	45·6	49·0	+4·2	5	0·99	25	− 3
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	54	17, 18, 20	39	15, 16	50·9	43·1	47·2	+4·9	4	0·41	10	− 8
Mayo	Blacksod Point ¶	10	t	53	17, 20	40	15th	51·7	43·9	48·0	+4·1	4	0·83	21	− 11
	Mallarany ...	120	a	53	17, 18, 20	40	16th	52·0	45·1	48·7	—	5	1·26	32	—
Sligo	Markree Castle ¶	122	p	55	17, 18, 20	33	16th	52·1	39·1	45·9	+5·4	4	0·38	10	− 15
Armagh	Armagh ... ¶	204	p	55	17, 18	37	14, 15	50·7	41·1	46·1	+5·9	3	0·26	7	− 9
Down	Dónaghadee ¶	35	t	55	17th	36	15th	50·9	42·4	46·8	+5·1	4	0·36	9	− 8
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	57	17, 20	39	15th	52·4	44·3	48·5	+6·1	3	0·52	13	0
King'sCounty	Birr Castle ¶	175	t	56	17th	37	14, 15	52·0	42·3	47·3	+6·8	4	0·25	6	− 12
Kilkenny	Kilkenny ¶	182	a	—	—	—	—	—	—	—	—	—	—	—	—
Waterford	Waterford ¶	137	a	53	17, 19	37	14th	52·1	43·4	47·9	+5·6	7	0·95	24	− 1
	Seskin, Carrick-on-Suir	542	p	54	17, 19	36	14, 15	50·3	41·3	46·0	—	6	0·72	18	—
Limerick	Foynes ... ¶	50	a	57	18th	40	14, 15	53·6	44·1	49·0	+6·3	4	0·66	17	− 9
Kerry	Cahirciveen ¶	30	t	54	17th	45	14, 15	52·0	48·4	50·3	+5·0	7	1·49	38	+ 2
	Killarney ¶	174	a	56	17th	41	14, 15	53·4	46·1	49·9	+6·5	6	0·78	20	− 19
Cork	Roche's Point ¶	32	t	53	18, 19	41	14th	51·6	46·3	49·1	+4·6	7	0·88	22	− 7
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	53	15, 17, 19	45	14th	52·3	48·0	52·0	+3·3	5	0·57	14	− 3
Guernsey	Grange ... ¶	173	p	53	17th	40	17th	50·9	43·9	47·5	+2·9	3	0·44	11	− 5
Jersey	St. Heliers ¶	28	h	52	14, 16, 17	39	20th	50·4	42·4	46·6	+2·1	2	0·19	5	− 11

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	1·2	0·0	16	0	33	—	—	—	—
Cockle Park §	1·6	+0·2	22	2	27	42·0	+4·6	44·7	+3·3
Tynemouth ...	—	—	—	1	29	—	—	—	—
Durham §	1·2	0·0	16	3	26	—	—	—	—
Rounton ...	—	—	—	3	22	42·1	—	—	—
West Witton	—	—	—	3	29	41·5	—	44·9	—
Scarborough †§	0·5	− 0·5	7	3	29	—	—	45·6	—
York §	0·2	− 0·5	2	—	—	43·5	+2·9	46·6	+2·2
Spurn Head...	1·8	—	25	—	—	—	—	—	—
Lincoln ...	—	—	—	0	31	42·5	+3·1	46·3	+2·1
Cranwell §	2·9	+1·7	38	3	27	—	—	—	—
Skegness §	2·0	+0·5	27	—	—	—	—	—	—
Cromer §	1·9	+0·3	25	—	—	—	—	—	—
Yarmouth §	1·0	—	13	1	30	41·4	+0·2	45·7	− 0·1
Norwich ...	0·8	—	11	2	24	40·9	—	—	—
Geldeston §	—	—	—	—	—	—	—	—	—
Cambridge §	2·0	+0·7	26	2	23	42·9	+2·0	47·3	+1·8
Rothamsted §	0·9	− 0·5	12	2	26	41·7	—	—	—
Tottenham §	0·2	—	3	—	—	—	—	—	—
Clacton-on-Sea§	1·0	− 0·6	13	0	32	43·0	+0·7	47·1	+0·4
Southend ...	0·1	—	2	0	31	43·5	—	—	—
Harrogate §	0·7	− 0·5	10	3	28	43·5	+3·6	45·1	+2·8
Sheffield §	1·0	− 0·1	14	0	31	42·7	+2·8	45·8	+1·6
Buxton ...	0·9	—	12	0	33	41·6	+3·3	45·3	+2·0
Worksop §	0·9	0·0	12	3	24	42·5	—	45·8	—
Nottingham §	1·4	+0·6	19	2	30	42·4	+3·2	45·2	+2·7
Birmingham§	1·3	+0·4	17	1	30	43·7	+2·1	47·4	+1·4
Oundle ...	2·4	—	31	2	22	42·9	—	47·2	—
Oxford §	2.2	+0·9	29	4	25	—	—	—	—
Cheadle ...	—	—	—	2	30	—	—	—	—
Tenbury ...	—	—	—	3	25	43·4	—	—	—
Malvern ...	1·7	—	22	3	30	42·9	—	46·0	—
Ross on Wye§	1·7	—	22	2	23	43·4	—	47·0	—
Clifton §	1·5	+0·4	20	0	32	—	—	—	—
Westminster	0·6	0·0	7	2	25	—	—	—	—
Greenwich ...	1·2	0·0	15	5	25	—	—	—	—
Hampstead ...	0·6	—	7	2	26	—	—	—	—
Camden Square	—	—	—	1	29	43·0	—	47·2	—
Richmond § (Kew Obs.)	1·0	− 0·3	13	3	23	42·3	+1·1	47·1	+1·3
Wisley §	1·2	− 0·3	15	5	20	43·1	+1·4	46·8	+1·1
Tunbridge W'ls§	1·4	− 0·1	17	2	23	44·3	—	47·9	—
Margate §	0·7	− 0·8	10	0	33	43·6	+0·5	47·4	+1·2
Folkestone §	1·0	—	13	1	26	—	—	49·1	—
St. Leonards §	1·3	− 0·6	17	1	29	43·5	—	48·4	—
Worthing §	1·2	− 0·7	15	2	27	43·3	+0·7	48·4	+1·2
Ventnor §	1·9	0·0	24	—	—	—	—	—	—
Southampton§	1·1	− 0·6	14	3	27	—	—	—	—
Marlborough§	1·8	+0·5	24	4	25	41·5	—	47·2	—
Porton ...	1·5	—	19	4	24	42·5	—	—	—
Aspatria §	—	—	—	—	—	—	—	—	—
Newton Rigg§	0.4	− 0·6	6	2	27	—	—	—	—
Stonyhurst §	0·3	− 0·5	5	0	31	—	—	—	—
Blackpool §	0·8	− 0·3	10	0	31	45·0	—	47·8	—
Southport §	1.3	+0·2	18	0	31	42·8	+3·9	45·6	+2·9
Whitworth Pk.	0·7	+0·2	9	—	—	—	—	—	—
Oldham Road	0·1	− 0·1	2	0	34	44·0	+3·9	47·1	+2·2
Bidston ...	1·7	—	24	0	32	—	—	—	—
(Ches.)Hoylake§	1·7	+0·4	24	—	—	—	—	—	—
Llandudno §	1·8	+0·5	24	—	—	—	—	—	—
Holyhead ...	0·8	—	11	0	36	—	—	—	—
Aberystwyth§	0·9	− 0·3	12	—	—	—	—	—	—
St. Ann's Hd §	1·1	− 0·3	14	—	—	—	—	—	—
Rhayader §	0·6	—	8	3	24	—	—	—	—
Cardiff ...	1·5	—	20	3	27	44·3	+2·8	48·2	+2·2
Bath ... §	1·1	− 0·3	14	—	—	44·7	—	48·9	—
Shaftesbury...	—	—	—	—	—	—	—	47·1	—
Weymouth ...	3·0	—	35	—	—	—	—	—	—
Arlington ...	—	—	—	3	29	—	—	—	—
Cullompton §	1·3	+0·1	17	4	25	44·9	—	—	—
Plymouth §	2·1	+0·5	26	0	33	46·1	+1·9	49·9	—
Newquay §	1·3	− 0·3	16	—	—	48·2	—	50·4	—
Falmouth §	1·3	− 0·5	17	0	32	47·5	—	50·0	—
Malin Head...	1·1	—	16	—	—	—	—	—	—
Mallarany ...	1·0	—	13	—	—	—	—	—	—
MarkreeC'stle§	1·4	− 0·4	19	—	—	46·2	+4·3	47·9	+1·7
Armagh §	1·5	+0·4	21	0	33	45·2	+3·8	47·3	+2·1
Trinity Coll.	—	—	—	2	29	45·6	+3·1	47·8	+2·2
Phœnix Park §	—	—	—	—	—	—	—	—	—
Dublin City ...	—	—	—	0	33	—	—	—	—
Birr Castle §	1·9	+0·5	26	3	29	—	—	—	—
Seskin ...	1·8	—	25	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	0·9	− 0·4	11	0	40	—	—	—	—
Ballinacurra §	—	—	—	—	—	—	—	—	—
St. Mary's §	1·3	− 0·4	17	—	—	—	—	—	—
Grange §	3·4	+1·7	42	0	32	44·1	− 1·9	49·2	0·0
St. Heliers §	2·9	+1·1	36	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, December 20th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed. m.p.h	Highest Hourly Wind. Speed. m/s.	Highest Hourly Wind. Mid Time. d.	Highest Hourly Wind. Mid Time. hr.	Highest Gust. Speed. m.p.h	Highest Gust. Speed. m/s.	Highest Gust. Time. d.	Highest Gust. Time. h.	Highest Gust. Time. m.
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°									
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	18 to 20	24	17 to 20	50	60	34	0	0	240	49	22	19	7	74	33	19	7	30
Orkneys **Deerness (Cup Anr.)	188	16	5	—	0	13, 18, 19	23	78	65	2	0	250	37	16	19	9	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	15	3	55	95	15	0	130	27	12	15	19	42	19	19	3	50
Edinburgh Edinburgh ...	485	39	31	—	0	17 to 19	28	77	54	9	0	210	35	16	18	16	52	23	19	3	5
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	18	6	63	80	19	0	190	36	16	18	13	66	29	18	12	55
Dumfries Eskdalemuir ...	825	50	22	—	0	17 to 20	31	67	35	35	0	240	37	17	19	10	54	24	19	10	35
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	15	4	54	97	13	0	140	27	12	15	16	44	20	19	9	35
York, E.R. Spurn Head ...	67	41	‡	—	0	15	8	99	60	1	0	150	33	15	15	18	43	19	15	14	50
Lincoln Cranwell ...	280	43	31	—	0	15	2	85	(67)	(14)	0	150	25	11	15	14	35	16	15	13	50
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	15	12	46	96	14	0	170	36	16	15	18	47	21	15	17	50
Essex Shoeburyness...	103	90	‡	—	0	15	8	51	85	24	0	170	32	14	15	19	43	19	15	16	55
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	—	0	13	101	54	0	170	18	8	15	13	39	17	15	13	0
Surrey Croydon ...	284	40	24	—	0	—	0	30	111	27	0	160	23	10	15	15	40	18	15	13	20
Kent Lympne ...	409	70	‡	—	0	15	11	58	92	7	0	160	29	13	15	21	43	19	15	19	20
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	—	0	18	91	18	41	210	21	9	15	11	40	18	15	11	10
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	—	0	15	4	82	64	18	0	170	32	14	15	12	46	21	15	12	0
Wiltshire Larkhill ...	513	63	43	—	0	15	3	18	124	23	0	160	29	13	15	10	40	18	15	10	25
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	15	3	72	84	9	0	130	27	12	15	11	39	17	15	10	55
Lancashire Southport ...	80	62	48	—	0	14, 15, 18	10	68	84	6	0	220	29	13	18	14	47	21	18	14	15
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	—	0	14, 15, 18	22	118	26	2	0	200	33	15	18	13	49	22	18	13	50
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	—	0	15	9	63	82	14	0	—	39	17	15	8	51	23	15	9	25
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	—	0	14, 15	6	62	88	12	0	160	29	13	15	7	—	—	—	—	—
Clare Quilty	100	40	‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	—	0	14, 15, 18	15	133	20	0	0	150	34	15	15	1	59	26	15	0	0
Cork Weaver Pt. ...	160	30	‡	—	0	14, 15, 18	16	95	50	7	0	—	31	14	18	13	48	21	18	13	25
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	—	0	14 to 16	30	101	25	1	11	330	38	17	15	2	52	23	16	2	0

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	24	12	5·5	20	13	5·9	23	11	4·7	21	7	3·1	22	14	6·2	18	15	6·8	23	9	4·1	22	13	5·7
North	4	3	1·5	2	3	1·3	0	—	—	1	4	1·7	3	12	5·2	6	12	5·3	3	3	1·3	6	9	3·9
West	22	8	3·6	24	13	5·7	20	6	2·6	15	3	1·3	21	10	4·4	20	11	4·7	15	10	4·3	12	7	3·2
East	4	9	3·9	2	6	2·9	1	5	2·3	6	3	1·4	3	7	3·3	2	8	3·5	7	4	1·8	11	3	1·1
Calm (or wind-speed < 4 m.p.h.)	0	—	—	2	—	—	4	—	—	6	—	—	1	—	—	0	—	—	2	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	2	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 24th December, 1924.

PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE BY BARCLAY & FRY, LTD., THE GROVE, SOUTHWARK, S.E.1.

FOR OFFICIAL USE

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ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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SUNDAY, DECEMBER 21ST, TO SATURDAY, DECEMBER 27TH, 1924.

Price 9d. Net, Post free 9½d.
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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall: Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine: Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
FIFTY-SECOND WEEK of 1924—December 21st to December 27th, 1924.																			
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	57	30	47·6	41·1	44·5	+5·7	20	+14	3	- 27	5	0	2·10	53	+21	0·9	+0·3	14	995
Eastern.																			
1. SCOTLAND, EAST ...	55	26	47·9	37·4	42·9	+5·5	19	+14	13	- 26	5	+ 1	1·51	38	+22	1·5	+0·6	22	999
2. ENGLAND, N.E. ...	54	33	48·1	39·2	43·8	+5·2	20	+13	8	- 23	4	0	0·48	12	+ 1	1·0	- 0·1	14	1008
3. ENGLAND, EAST ...	54	32	48·7	40·9	44·9	+6·6	23	+15	3	- 30	4	0	1·09	28	+16	0·8	- 0·3	11	1014
4. MIDLAND COUNTIES	54	31	48·5	40·1	44·5	+6·2	23	+14	5	- 30	5	+ 1	1·20	30	+15	1·1	+0·1	15	1009
5. ENGLAND, S.E. ...	54	34	49·7	42·4	46·2	+5·9	29	+17	0	- 25	5	+ 1	1·78	45	+29	1·3	+0·1	16	1014
Western.																			
6. SCOTLAND, WEST[1] ...	60	33	49·1	40·5	45·0	+5·0	25	+16	4	- 20	5	0	2·31	59	+29	1·2	+0·6	18	1001
7. ENGLAND, N.W.[2] ...	58	35	49·7	41·7	45·9	+6·0	28	+18	1	- 24	6	+ 2	1·86	47	+28	1·8	+0·9	25	1005
8. ENGLAND, S.W.[3] ...	55	32	50·7	42·6	46·8	+4·9	34	+18	0	- 17	6	+ 1	2·16	55	+28	1·3	+0·1	17	1009
9. IRELAND, NORTH ...	55	30	49·3	41·3	45·5	+4·6	26	+14	2	- 18	5	0	1·63	41	+19	1·6	+0·6	22	997
10. IRELAND, SOUTH ...	58	34	50·5	42·6	46·7	+3·9	33	+13	0	- 14	6	+ 1	2·45	62	+34	1·5	+0·2	20	1000
11. CHANNEL ISLANDS[4]	55	33	50·0	44·1	47·2	+1·8	36	+ 7	0	- 5	5	0	1·78	45	+22	1·6	- 0·1	20	1011
MEAN: DISTRICTS 1-10	60	26	49·2	40·9	45·2	+5·4	26	+15	4	- 23	5	+ 1	1·65	42	+22	1·3	+0·3	18	1006
THE SEASON (Winter).—Aggregates, &c., for the Period of 4 Weeks, November 30th to December 27th, 1924.																			
0. SCOTLAND, NORTH...	57	28	48·9	41·3	45·3	+6·3	101	+71	11	- 98	21	- 1	6·20	157	+17	0·7	+0·1	11	1002
Eastern.																			
1. SCOTLAND, EAST ...	57	23	48·3	39·3	43·9	+6·0	85	+59	31	-109	18	+ 1	3·00	76	+ 5	1·2	+0·2	18	1008
2. ENGLAND, N.E. ...	55	27	48·1	40·5	44·4	+5·0	87	+53	20	- 88	14	- 2	1·94	49	- 3	1·1	- 0·1	15	1013
3. ENGLAND, EAST ...	58	27	47·3	39·7	43·7	+4·2	85	+44	38	- 75	13	- 4	2·05	53	+ 1	1·3	0·0	16	1016
4. MIDLAND COUNTIES	56	30	48·5	40·1	44·4	+5·2	91	+49	23	- 99	14	- 3	2·75	70	+ 8	1·1	0·0	14	1013
5. ENGLAND, S.E. ...	57	25	48·7	40·7	44·9	+3·6	106	+44	25	- 56	15	- 1	3·40	86	+14	1·6	+0·2	20	1017
Western.																			
6. SCOTLAND, WEST[1] ...	60	29	49·8	42·0	46·1	+5·6	121	+77	7	- 74	21	+ 2	5·77	146	+17	0·8	- 0·2	11	1008
7. ENGLAND, N.W.[2] ...	58	33	50·1	42·9	46·6	+5·9	130	+82	1	- 83	19	+ 1	3·70	93	+ 8	1·2	+ 0·2	16	1011
8. ENGLAND, S.W.[3] ...	56	30	50·7	42·9	46·9	+4·2	138	+61	0	- 55	17	- 2	4·66	118	+ 2	1·3	- 0·1	17	1013
9. IRELAND, NORTH ...	56	30	50·6	42·1	46·6	+5·3	129	+76	2	- 71	19	- 2	3·91	100	+ 7	1·2	0·0	17	1005
10. IRELAND, SOUTH ...	58	32	51·7	43·5	47·8	+4·7	161	+76	0	- 54	22	+ 2	5·70	144	+36	1·7	+ 0·2	22	1008
11. CHANNEL ISLANDS[4]	57	33	50·9	44·8	48·0	+1·8	168	+35	0	- 15	14	- 7	3·28	83	- 16	2·5	+ 0·7	30	1015
MEAN: DISTRICTS 1-10	60	23	49·4	41·4	45·5	+5·0	113	+62	15	- 76	17	- 1	3·69	94	+10	1·3	0·0	17	1011
THE YEAR. Aggregates, &c., for the Period of 52 Weeks, December 30th, 1923, to December 27th, 1924.																			
0. SCOTLAND, NORTH...	81	12	51·6	41·7	46·5	+0·9	2104	+50	482	-250	238	- 8	49·21	1249	- 52	3·1	0·0	25	1008
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·9	40·1	45·8	0·0	2074	-183	702	-161	227	+20	32·80	833	+ 44	3·3	- 0·3	27	1009
2. ENGLAND, N.E. ...	87	16	53·9	42·2	47·9	+0·4	2693	+60	560	- 74	185	- 3	26·09	661	+ 30	3·7	- 0·3	30	1012
3. ENGLAND, EAST ...	87	18	55·5	43·4	49·2	+0·7	3172	+147	537	-124	183	- 1	28·22	716	+111	4·2	- 0·1	34	1014
4. MIDLAND COUNTIES	87	15	55·0	42·0	48·3	+0·3	2861	- 44	578	-143	189	+ 6	33·14	844	+166	3·4	- 0·4	28	1013
5. ENGLAND, S.E. ...	86	17	55·8	44·0	49·7	+0·1	3250	- 26	445	- 52	183	+ 4	34·03	866	+166	4·4	- 0·1	36	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·2	41·9	47·4	0·0	2451	- 87	496	- 56	227	+ 9	46·44	1178	- 22	3·2	- 0·5	26	1011
7. ENGLAND, N.W.[2] ...	85	20	53·9	43·8	48·6	+0·3	2801	+18	387	-117	218	+17	37·13	940	+ 43	3·6	- 0·3	29	1012
8. ENGLAND, S.W.[3] ...	84	14	54·9	44·5	49·5	0·0	3061	- 74	327	- 57	202	0	46·94	1189	+194	3·8	- 0·5	31	1013
9. IRELAND, NORTH ...	73	18	53·9	43·6	48·6	+0·5	2686	+32	293	-155	251	+12	42·38	1075	+104	3·2	- 0·3	26	1009
10. IRELAND, SOUTH ...	75	21	55·4	44·7	49·9	+0·3	3097	- 6	231	-120	243	+29	46·58	1182	+163	3·3	- 0·7	27	1011
11. CHANNEL ISLANDS[4]	83	30	56·1	48·0	51·9	- 0·2	3697	-103	88	- 31	198	- 13	34·99	889	+ 50	4·8	- 0·3	39	1014
MEAN: DISTRICTS 1-10	87	2	54·3	43·0	48·5	+0·3	2815	- 16	456	-106	211	+ 9	37·37	949	+100	3·6	- 0·3	29	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb.

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland, N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual	Unusual
	Rainfall ..	Heavy	Very Heavy	Moderate	Very Heavy	Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy
	Sunshine ..	Abundant	Abundant	Moderate	Scanty	Moderate	Moderate	Abundant	Very Abundant	Moderate	Abundant	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 4 weeks from November 30th, 1924	Warmth ..	4, 0, 0	4, 0, 0	4, 0, 0	3, 1, 0	4, 0, 0	3, 1, 0	4, 0, 0	4, 0, 0	3, 1, 0	4, 0, 0	4, 0, 0	3, 1, 0
	Rainfall ..	2, 2, 0	1, 2, 1	1, 3, 0	1, 2, 1	2, 2, 0	1, 2, 1	1, 2, 1	1, 2, 1	1, 2, 1	1, 2, 1	2, 2, 0	1, 1, 2
	Sunshine ..	3, 1, 0	1, 3 0	0, 3, 1	1, 1, 2	0, 3, 1	1, 3, 0	1, 2, 1	2, 1, 1	1, 2, 1	1, 2, 1	1, 3, 0	2, 2, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was again of a very changeable character. There were bright intervals but the total amount of rainfall was in excess of the normal nearly everywhere. Thunder and hail were reported at a number of places. Strong winds or gales occurred during the week in many parts of the country and at the end of the week the whole of the British Islands was affected by a deep low pressure system centred south-west of Iceland. This system caused strong and destructive gales in practically all parts of our Islands. The force of the wind in gusts reached 90 m.p.h. at Lerwick on the 25th, 79 m.p.h. at Edinburgh and 71 m.p.h. at Holyhead and Paisley on the 27th. Temperature was high for the time of year, the mean for the week being well above the normal in all Districts. Maximum temperatures above 50°F. were recorded on various dates in nearly all parts of the country, the highest reading, 60°F., occurring at Colmonell (Ayr) on the 23rd. The lowest screen minimum temperature, 26°F., was registered at Balmoral on the 26th. Ground frosts occurred in several places and at Rhayader (Radnor) a grass minimum temperature of 21°F. was recorded on the 21st. Rainfall values exceeding 25mm. were registered at a number of places, among the largest amounts being 35mm. at Seskin (Carrick-on-Suir) and 34mm. at Balmoral on the 22nd, 54mm. at Eskdalemuir, 39mm. at Dungeness and 38mm. at Crieff (Perth) on the 26th and 34mm. at Worthing on the 27th. The total amount of sunshine for the week varied a good deal, and the departure of the mean daily duration from the normal ranged from +2·1 hrs. at Hoylake to −0·6 hr. at Ventnor. A double rainbow was seen at Ross-on-Wye on the 25th and 26th. Solar halos were observed at Hodsock Priory (Worksop) on the 24th, at Dublin on the 25th and at Oxford on the 24th and 25th. The Zodiacal Light was seen at Oxford on the 23rd, 26th and 27th and the Zodiacal Light and Band at Wadhurst (Sussex) on the 22nd.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week		Deviation from Normal
0. SCOTLAND, N.		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
Shetlands	Lerwick ¶	54	*t*	52	23rd	37	27th	48·6	45·0	46·9	+7·1	5	1·66	42	+18
Orkneys	Deerness ...	160	*p*	52	23rd	38	25, 26	48·0	41·7	45·0	+5·3	3	0·70	18	− 3
Hebrides	Stornoway ¶	51	*t*	54	23rd	30	26th	46·9	41·3	44·2	+4·4	6	2·41	61	+30
	Castlebay ...	37	*t*	51	21st	40	26, 27	48·0	44·3	46·2	—	6	0·79	20	—
Caithness	Wick ... ¶	81	*t*	53	23rd	34	25, 26	46·7	42·1	44·5	+5·8	4	0·65	17	+ 2
Ross and Cromarty	Strathpeffer ¶	125	*a*	56	21st	31	26th	46·9	38·0	42·6	+5·1	6	1·98	50	+32
	Achnashellach ¶	225	*h*	54	22nd	30	26th	46·3	38·7	42·7	—	6	2·66	68	—
Inverness	Inverness ...	242	*h*	52	23rd	33	26th	45·0	38·9	42·1	—	6	1·47	37	—
	Fort Augustus ¶	68	*a*	—	—	—	—	—	—	—	—	—	—	—	—
	Onich ... ¶	48	*h*	57	23rd	35	26, 27	50·0	41·6	46·0	—	6	3·24	82	—
1. SCOTLAND, E.															
Nairn	Nairn ... ¶	82	*t*	51	22, 23	32	26th	45·1	38·9	42·1	+4·8	6	1·07	27	+15
Elgin	Gordon Castle ¶	101	*p*	55	23rd	30	22nd	48·4	35·0	42·0	+3·7	4	0·49	12	− 1
Aberdeen	Aberdeen ... ¶	46	*t*	52	23rd	33	26th	47·1	40·9	44·1	—	5	1·44	37	+21
	Balmoral ... ¶	930	*a*	52	22nd	26	26th	46·9	35·0	41·2	+6·7	6	2·62	67	+50
Perth	Crieff ... ¶	478	*p*	52	23rd	32	26th	47·9	36·7	42·5	+5·3	5	3·39	86	+62
Forfar	Dundee ...	147	*a*	54	22nd	34	26th	50·1	38·9	44·7	—	6	1·74	44	—
Fife	Inchkeith ... ¶	190	*t*	55	23rd	37	22nd	49·9	41·4	45·8	—	4	0·36	9	—
Midlothian	Edinburgh ...	441	*p*	54	23, 24	31	22nd	50·9	38·1	44·8	+6·3	6	1·09	28	+17
Peebles	West Linton ¶	770	*a*	54	23rd	33	24th	50·3	36·0	43·4	+8·9	6	1·42	36	—
Berwick	Marchmont ¶	498	*a*	52	23rd	32	22, 26	47·6	35·6	42·0	+5·3	6	1·29	33	+19
6a. SCOTLAND, W.															
Argyll	Ford ... ¶	149	*a*	52	21st	36	25, 27	47·0	39·3	43·3	—	5	2·17	55	—
Renfrew	Renfrew ... ¶	36	*t*	54	22, 23, 27	33	25th	48·9	40·4	44·8	—	6	2·65	67	—
Bute	Rothesay ... ¶	200	*p*	53	23rd	37	26th	48·6	41·0	45·0	+5·0	5	2·41	61	+32
Ayr	Kilmarnock ¶	90	*a*	54	22nd	36	25th	49·4	39·7	44·7	+6·3	6	1·71	43	+20
	Colmonell... ¶	170	*a*	60	23rd	37	26th	51·1	40·9	46·2	+6·3	3	1·83	46	+17
Dumfries	Dumfries ... ¶	140	*p*	53	23rd	37	25, 27	50·0	40·1	45·3	+6·9	6	3·41	87	+66
	Eskdalemuir ...	794	*t*	51	22nd	33	25, 26, 27	44·6*	38·3	41·6	—	6	4·79	122	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·0	—	0	—	—	—	—	—	—
Deerness §	0·9	+0·3	15	—	—	—	—	—	—
Stornoway §	0·2	− 0·5	3	—	—	—	—	—	—
Castlebay ...	0·3	—	5	—	—	—	—	—	—
Achnashellach	—	—	—	3	22	—	—	—	—
Inverness §	1·6	—	24	0	31	—	—	—	—
Onich ...	0·3	—	5	2	29	—	—	—	—
Nairn §	1·8	—	28	—	—	—	—	—	—
Gordon Castle	2·5	—	38	—	—	—	—	—	—
Aberdeen §	1·2	+0·2	18	2	28	—	—	44·9	+3·5
Balmoral ...	—	—	—	3	24	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	1·2	—	17	2	27	42·9	—	—	—
Inchkeith ...	1·8	—	26	1	30	—	—	—	—
Edinburgh §	1·9	+0·7	27	1	29	—	—	—	—
West Linton...	—	—	—	3	27	—	—	—	—
Marchmont §	1·5	+0·5	21	—	—	—	—	—	—
Ford ...	—	—	—	4	27	44·1	—	45·7	—
Renfrew ...	1·4	—	20	2	26	—	—	—	—
Rothesay §	1·5	+0·9	21	0	33	43·7	—	46·9	+3·5
Kilmarnock ...	1·6	—	23	—	—	43·8	—	46·7	—
Colmonell ...	—	—	—	0	32	—	—	—	—
Dumfries ...	1·0	—	14	0	31	44·8	+5·9	46·1	+4·0
Eskdalemuir §	0·9	+0·4	13	0	33	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	52	23rd	38	25th	48·7	41·9	45·4	+3·8	6	2·00	51	+25
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	54	23rd	33	21, 22 27	49·6	36·4	43·3	+6·4	6	0·36	9	− 4
	Tynemouth ¶	118	t	54	23rd	37	22nd	48·3	42·3	45·4	+6·6	4	0·24	6	− 4
Durham	Durham ... ¶	336	p	53	23rd	33	21st	48·3	36·7	42·7	+5·4	5	0·49	12	+ 2
York,	Rounton ... ¶	249	p	51	23rd	34	27th	46·7	38·4	42·7	+5·4	6	1·17	30	+19
N. Riding	West Witton ...	605	a	52	22nd	33	22, 23	48·1	38·9	43·7	—	6	2·38	60	—
	Scarborough ¶	118	h	51	23, 27	36	23rd	47·6	41·0	44·4	+5·4	3	0·30	8	− 4
	York ... ¶	56	p	53	23rd	37	22nd	49·1	40·1	44·8	+6·6	5	0·52	13	+ 2
E. Riding	Spurn Head ¶	26	t	50	27th	37	21, 22, 23	47·4	40·3	44·0	+4·8	4	0·37	9	0
Lincoln	Lincoln ... ¶	58	a	52	27th	36	23rd	49·1	39·9	44·7	+7·0	3	0·22	6	− 4
	Cranwell ... ¶	236	t	51	27th	33	21, 22 23	46·6	38·0	42·5	+4·7	4	0·63	16	+ 5
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	52	27th	34	22, 23	48·7	39·0	44·0	+5·5	4	0·65	17	+ 7
	Yarmouth ... ¶	13	t	52	24th	36	22nd	48·1	41·3	44·8	+6·4	4	1·02	26	+14
	Norwich ... ¶	93	a	51	24, 27	34	23rd	48·9	40·1	44·7	+6·9	4	1·17	30	+17
	Geldeston ... ¶	37	a	54	24th	36	22, 23	49·8	41·3	45·7	+7·2	5	0·89	23	+12
Cambridge	Cambridge ¶	41	p	52	27th	32	21st	49·0	40·1	44·7	+6·7	5	0·71	18	+ 8
Hertford	Rothamsted ¶	420	a	50	27th	34	23rd	47·6	39·3	43·6	+5·7	5	1·64	42	+28
Middlesex	Tottenham ¶	51	p	52	23, 25, 27	38	22nd	49·6	42·9	46·4	—	4	1·61	41	—
Essex	Clacton-on-Sea ¶	55	t	50	24th	37	22nd	47·7	43·1	45·5	+6·9	3	1·06	27	+18
	Southend	90	h	53	24th	37	22nd	49·0	42·7	46·0	—	6	0·95	24	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	53	23rd	35	22, 23	46·1	39·6	43·0	+5·9	6	1·13	29	+12
W. Riding	Sheffield	429	p	52	23rd	36	22nd	48·4	40·3	44·5	—	5	0·94	24	+ 5
Derby	Buxton	987	p	49	23rd	34	22nd	46·1	37·7	42·1	+6·3	6	1·14	29	− 2
Nottingham	Worksop(Hods'ck)¶	56	a	53	27th	36	23rd	49·7	40·9	45·5	+7·6	4	0·51	13	0
	Nottingham ¶	192	a	51	23, 27	35	23rd	48·6	39·4	44·2	+6·3	4	0·69	18	+ 5
Warwick	Birmingham (Edg)¶	525	t	51	23rd	35	22nd	46·4	39·7	43·2	+5·0	5	1·20	31	+16
Northampton	Oundle ... ¶	147	a	53	27th	31	21st	50·3	38·3	44·5	—	4	0·37	9	—
Oxford	Oxford ... ¶	208	p	54	27th	37	22nd	49·0	41·6	45·5	+6·5	5	1·67	42	+28
Stafford	Cheadle ... ¶	646	a	50	23, 27	33	23rd	47·3	37·3	42·5	+5·6	6	0·80	20	+ 2
Worcester	Tenbury ... ¶	313	p	52	23, 27	38	22nd	48·6	42·1	45·5	+6·3	6	1·52	39	+27
	Malvern	377	h	52	23, 24, 27	38	22nd	47·9	42·0	45·1	—	6	0·98	25	—
Hereford	Hereford ... ¶	291	a	52	23, 27	38	22nd	49·3	40·6	45·1	+6·4	6	1·85	47	+31
Gloucester	Clifton ... ¶	225	a	53	27th	37	21st	50·0	41·1	45·7	+5·4	6	2·22	57	+36
5. ENGLAND, S.E.															
London	Westminster ...	27	a	53	24th	38	22nd	50·9	43·6	47·4	+6·9	4	1·41	36	+25
	Greenwich ‡ ...	149	a	53	24th	37	22, 23	49·7	41·9	46·0	+6·7	4	1·48	38	+26
	Hampstead ...	450	p	50	23, 24	35	22nd	47·0	41·1	44·2	—	5	1·69	43	—
	Camden Square ...	110	a	52	24th	37	22nd	49·7	42·9	46·4	+6·8	4	1·58	40	+27
Surrey	Richmond(KewO)¶	18	t	52	24th	37	23rd	48·8	42·6	45·8	+6·2	5	1·57	40	+28
	Wisley ... ¶	150	a	52	24, 25	37	23rd	50·0	42·6	46·5	+7·4	5	1·64	42	+29
Kent	Tunbridge Wells ¶	354	h	52	23, 24	35	22nd	49·1	41·9	45·6	+6·5	5	2·35	60	+44
	Margate ... ¶	51	h	54	24th	35	22nd	49·6	42·9	46·4	+6·1	4	0·70	18	+ 6
	Dungeness ¶	21	t	51	23, 24, 25	37	22nd	49·6	44·3	47·1	+6·4	3	1·46	37	+23
Sussex	St. Leonards ¶	178	h	52	23, 24, 25	36	22nd	49·4	43·9	46·8	+6·0	5	2·17	55	+39
	Worthing	36	h	52	24th	38	22nd	49·3	44·5	47·0	—	4	2·56	65	—
I. of Wight	Ventnor ... ¶	59	a	53	24, 26, 27	38	22nd	51·3	43·7	47·7	+4·8	5	1·97	50	+33
Hampshire	Southampton ¶	64	p	54	23rd	38	22nd	50·3	43·4	47·0	+6·1	5	2·76	70	+51
Wiltshire	Marlborough ¶	424	a	53	27th	?34	23rd	49·0	39·9	44·6	+6·5	4	1·52	39	+21
	Porton ¶	363	a	52	27th	36	22, 23	49·4	39·1	44·5	—	5	1·64	42	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	54	23rd	36	22, 27	49·7	39·1	44·6	+6·3	6	2·06	52	+31
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	6	3·75	95	+74
Lancashire	Stonyhurst ¶	377	a	51	22, 23, 27	35	23rd	48·6	40·1	44·5	+6·2	6	1·53	39	+14
	Blackpool ¶	66	h	53	22nd	37	22nd	48·7	42·0	45·5	+6·2	6	2·64	67	+51
	Southport ¶	37	h	53	23, 27	37	22nd	47·8	42·0	45·0	+5·6	6	1·73	44	+28
Manchester	Whitworth Pk. ¶	125	p	53	23rd	38	22nd	49·4	42·3	46·0	+6·4	6	1·36	35	+19
Cheshire	Liverp'l (Bidston) ¶	189	a	54	27th	36	22nd	47·9	41·4	44·8	+4·7	6	0·95	24	+11
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	56	23rd	36	22nd	52·4	41·0	46·9	+6·2	6	0·90	23	+12
Carnarvon	Llandudno ¶	22	h	58	22nd	35	22nd	51·3	42·7	47·2	+5·1	6	1·91	49	+33
Anglesey	Holyhead ¶	26	t	54	22nd	41	27th	50·0	44·9	47·6	+5·1	6	2·13	54	+34
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	55	22nd	37	21, 22	51·6	42·6	47·3	—	6	1·52	39	—
Pembroke	St. Ann's Hd. ¶	150	t	53	22, 23	43	26th	51·6	45·1	48·5	+4·6	6	2·45	62	+37
Radnor	Rhayader ¶	757	a	53	22, 23	32	21st	49·1	38·3	43·9	—	6	3·37	86	—
Glamorgan	Cardiff ... ¶	202	p	53	23, 27	39	21, 22	50·6	43·6	47·2	+7·1	6	2·82	72	+45
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	55	27th	37	21st	49·9	42·9	46·5	+6·3	6	1·60	41	+23
Dorset	Shaftesbury ¶	722	a	51	27th	34	22nd	48·6	39·7	44·3	+5·7	6	1·86	47	+27
	Portland Bill ¶	19	t	53	23, 24, 27	40	22nd	51·1	46·1	48·7	+4·9	5	2·08	53	+36
Devon	Arlington ¶	613	a	53	22, 27	35	22nd	50·6	39·1	45·1	+4·9	6	2·50	63	+27
	Cullompton ¶	202	a	55	27th	39	21, 22	51·6	41·4	46·7	+6·1	6	1·10	28	+ 4
	Plymouth ¶	116	p	54	23rd	41	21, 22	51·9	45·0	48·6	+5·2	6	1·03	26	− 1
Cornwall	Newquay ... ¶	190	h	55	22, 27	39	26th	51·4	43·6	47·7	+3·0	6	2·25	57	+33
	Falmouth ¶	167	h	54	23, 27	41	22, 26	51·6	45·1	48·5	+4·1	6	2·79	71	+37
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	54	22nd	37	27th	46·9	42·7	44·9	+3·2	5	1·30	33	+15
Mayo	Blacksod Point ¶	10	t	55	22nd	38	26th	50·6	42·4	46·7	+3·3	6	2·13	54	+21
	Mallaranny ...	120	a	54	22nd	32	25th	50·1	41·1	45·8	—	6	3·37	86	—
Sligo	Markree Castle ¶	122	p	54	21, 22	30	25th	49·6	38·3	44·2	+4·2	7	1·83	46	+20
Armagh	Armagh ... ¶	204	p	55	23rd	34	25th	49·7	39·4	44·8	+5·0	3	1·72	44	+27
Down	Donaghadee ¶	35	t	54	22, 27	36	25th	50·0	43·6	46·9	+5·7	4	1·00	25	+ 8
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	58	23rd	39	25th	52·0	42·7	47·5	+5·1	5	1·68	43	+28
King'sCounty	Birr Castle ¶	175	t	55	22nd	34	25th	49·1	41·4	45·4	+4·9	6	1·80	46	+26
Kilkenny	Kilkenny ¶	182	a	54	22nd	34	25th	50·0	39·0	44·7	+4·1	6	1·66	42	+21
Waterford	Waterford ¶	137	a	54	22nd	38	25th	51·1	42·4	46·9	+4·6	6	2·43	62	+35
	Seskin, Carrick-on-Suir ¶	542	p	53	27th	35	25th	48·6	39·6	44·3	—	7	3·47	88	—
Limerick	Foynes ... ¶	50	a	56	22nd	36	25th	49·9	41·3	45·8	+3·1	7	2·28	58	+30
Kerry	Cahirciveen ¶	30	t	55	22nd	39	27th	50·1	45·0	47·7	+2·5	7	3·23	82	+43
	Killarney ¶	174	a	56	22nd	36	25, 26	51·1	42·6	47·0	+3·6	7	3·93	100	+57
Cork	Roche's Point ¶	32	t	54	22nd	40	25th	51·0	46·3	48·7	+4·3	7	2·60	66	+35
11. CHANNEL ISLES & SCILLY.															
Scilly	St. Mary's ¶	131	t	55	22, 23	43	26th	52·4	45·9	49·3	+2·7	6	1·90	48	+25
Guernsey	Grange ... ¶	173	p	53	27th	35	22nd	49·6	44·0	46·9	+2·6	6	1·87	47	+26
Jersey	St. Heliers ¶	28	h	53	25th	33	22nd	48·0	42·3	45·3	+1·2	4	1·57	40	+18

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature. Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	1·4	+0·3	19	0	34	—	—	—	—
Cockle Park §	1·4	0·0	19	1	28	42·4	+5·3	44·6	+3·8
Tynemouth ...	—	—	—	0	31	—	—	—	—
Durham §	0·8	− 0·4	11	2	30	—	—	—	—
Rounton ...	—	—	—	0	33	43·0	—	—	—
West Witton	—	—	—	2	28	42·3	—	44·8	—
Scarborough †§	0·9	− 0·1	12	0	32	—	—	45·4	—
York §	0·5	− 0·2	7	—	—	44·2	+4·1	46·2	+2·5
Spurn Head...	1·3	—	18	—	—	—	—	—	—
Lincoln ...	—	—	—	0	32	43·2	+4·2	46·0	+2·6
Cranwell §	1·5	+0·3	20	2	25	—	—	—	—
Skegness §	1·2	− 0·4	16	—	—	—	—	—	—
Cromer §	0·9	− 0·3	13	—	—	—	—	—	—
Yarmouth §	1·0	—	13	0	35	43·1	+2·4	46·1	+0·9
Norwich ...	0·9	—	12	1	28	42·0	—	—	—
Geldeston §	0·9	− 0·3	12	—	—	—	—	—	—
Cambridge §	1·0	− 0·1	13	1	29	43·9	+3·5	47·2	+2·5
Rothamsted §	0·9	− 0·3	12	2	27	43·1	—	—	—
Tottenham §	0·0	—	0	—	—	—	—	—	—
Clacton-on-Sea§	1·0	− 0·3	13	0	36	44·3	+2·6	47·0	+1·0
Southend ...	1·2	—	16	0	35	44·9	—	—	—
Harrogate §	1·1	− 0·1	15	1	30	43·7	+4·1	45·1	+3·4
Sheffield §	1·3	+0·3	18	0	33	43·5	+4·0	45·4	+1·8
Buxton ...	0·5	—	6	0	34	42·1	+3·7	45·1	+2·4
Worksop §	0·9	+0·1	12	2	28	43·8	—	45·6	—
Nottingham §	0·9	+0·1	12	0	32	43·2	+4·3	45·2	+3·3
Birmingham §	0·8	0·0	11	0	32	44·4	+3·0	47·0	+1·4
Oundle ...	1·4	—	18	1	25	43·7	—	46·7	—
Oxford §	1·1	− 0·1	15	0	34	—	—	—	—
Cheadle ...	—	—	—	0	33	—	—	—	—
Tenbury ...	—	—	—	0	32	44·5	—	—	—
Malvern ...	1·3	—	16	0	34	44·2	—	45·8	—
Ross on Wye§	1·3	—	17	1	28	44·9	—	47·0	—
Clifton §	1·5	+0·4	20	0	36	—	—	—	—
Westminster	0·9	+0·5	12	0	32	—	—	—	—
Greenwich ...	0·9	0·0	12	2	27	—	—	—	—
Hampstead ...	0·5	—	7	1	28	—	—	—	—
Camden Square	—	—	—	0	33	44·3	—	47·0	—
Richmond § (Kew Obs.)	1·1	+0·1	14	2	29	44·1	+3·2	47·1	+1·8
Wisley §	1·1	0·0	15	1	29	44·6	+3·3	46·4	+1·3
Tunbridge W'ls§	1·1	− 0·1	14	1	30	45·1	—	47·7	—
Margate §	1·7	+0·5	22	0	33	44·9	+2·2	47·3	+1·6
Folkestone §	1·3	—	17	0	32	—	—	48·5	—
St. Leonards §	1·7	+0·2	21	0	36	45·0	—	47·9	—
Worthing §	2·1	+0·6	27	0	35	45·3	+3·2	48·0	+1·4
Ventnor §	0·8	− 0·6	10	—	—	—	—	—	—
Southampton§	0·9	− 0·4	11	0	34	—	—	—	—
Marlborough§	0·9	0·0	12	0	35	44·3	—	47·2	—
Porton ...	0·6	—	8	0	34	44·3	—	—	—
Aspatria §	0·8	− 0·2	11	0	31	44·8	+4·6	46·6	+2·7
Newton Rigg§	0·8	− 0·1	11	—	—	—	—	—	—
Stonyhurst §	1·0	+0·3	14	0	34	—	—	—	—
Blackpool §	1·7	+0·8	24	0	31	45·3	—	47·5	—
Southport §	2·1	+1·2	29	0	34	43·4	+4·7	45·4	+3·2
Whitworth Pk.	0·8	+0·5	11	—	—	—	—	—	—
Oldham Road	0·4	+0·2	6	0	36	43·9	+4·1	47·0	+2·7
Bidston ...	3·3	—	45	1	30	—	—	—	—
(Ches.)Hoylake§	3·3	+2·1	45	—	—	—	—	—	—
Llandudno §	2·5	+1·4	35	—	—	—	—	—	—
Holyhead ...	1·0	—	14	0	32	—	—	—	—
Aberystwyth§	2·5	+1·5	34	—	—	—	—	—	—
St. Ann's Hd.§	0·6	− 0·5	8	—	—	—	—	—	—
Rhayader §	1·3	—	17	2	21	—	—	—	—
Cardiff ...	1·4	—	19	1	30	45·5	+4·0	47·9	+2·5
Bath ... §	1·3	+0·2	17	—	—	46·0	—	48·6	—
Shaftesbury...	—	—	—	—	—	—	—	46·6	—
Weymouth ...	1·0	—	13	—	—	—	—	—	—
Arlington ...	—	—	—	0	34	—	—	—	—
Cullompton §	0·7	− 0·3	9	0	31	46·3	—	—	—
Plymouth §	1·2	− 0·1	15	0	38	47·1	+3·0	49·9	—
Newquay §	1·1	− 0·2	14	—	—	48·1	—	50·1	—
Falmouth §	1·5	+0·1	19	0	38	47·7	—	50·0	—
Malin Head...	1·7	—	24	—	—	—	—	—	—
Mallaranny ...	0·5	—	7	—	—	—	—	—	—
MarkreeC'stle§	1·3	+0·4	18	—	—	45·4	+3·5	47·7	+2·1
Armagh §	1·8	+0·9	26	1	27	45·0	+3·8	47·2	+2·6
Trinity Coll.	—	—	—	1	29	46·2	+4·0	47·6	+2·4
Phœnix Park §	2·3	+0·9	31	1	29	—	—	—	—
Dublin City...	—	—	—	0	33	—	—	—	—
Birr Castle §	2·0	+0·7	26	1	25	—	—	—	—
Seskin ...	1·3	—	18	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	0·6	− 0·5	8	0	34	—	—	—	—
Ballinacurra §	1·2	− 0·1	16	—	—	—	—	—	—
St. Mary's §	1·4	− 0·3	17	—	—	—	—	—	—
Grange §	1·8	+0·2	23	0	34	44·8	− 0·9	48·3	− 0·3
St. Heliers §	1·7	− 0·1	21	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, December 27th, 1924.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m.
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	22, 23, 25, 27	24	21 to 23, 25 to 27	70	54	16	1	3	230	59	26	25	15	90	40	25	12	30
Orkneys **Deerness (Cup Anr.)	188	16	5	25	1	22, 23, 25, 26	43	97	26	1	0	200	41	18	25	9	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	22, 23, 27	9	92	63	4	0	160	30	13	22	20	53	24	22	19	35
Edinburgh Edinburgh ...	485	39	31	22, 23, 27	6	22 to 24, 26, 27	32	57	62	11	0	200	48	21	27	3	79	35	27	2	40
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	—	0	22, 23, 26, 27	23	49	80	16	0	190	38	17	27	1	71	32	27	1	5
Dumfries Eskdalemuir ...	825	50	22	22, 23, 26, 27	14	22, 23, 25 to 27	17	65	57	15	0	180	43	19	23	8	69	31	27	1	40
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	23, 26, 27	17	69	75	7	0	190	32	14	27	5	53	24	27	7	50
York, E.R. Spurn Head ...	67	41	‡	27	7	22 to 27	62	88	11	0	0	190	42	19	27	8	54	24	27	8	30
Lincoln Cranwell ...	280	43	31	27	4	23 to 27	29	102	24	9	0	180	40	18	27	9	53	24	27	9	40
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	27	3	23, 24, 26, 27	32	101	19	13	0	200	41	18	27	11	60	27	27	10	30
Essex Shoeburyness...	103	90	‡	27	10	23 to 27	44	83	22	9	0	200	46	21	27	10	65	29	27	9	10
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	27	12	69	78	9	0	200	29	13	27	14	52	23	27	9	35
Surrey Croydon ...	284	40	24	—	0	23, 27	17	84	61	6	0	190	36	16	27	14	59	26	27	13	45
Kent Lympne ...	409	70	‡	27	13	23 to 27	26	93	35	1	0	220	47	21	27	13	66	29	27	14	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡	—	0	27	9	80	28	5	46	240	30	13	27	{11 12	54	24	27	11	35
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	27	2	23, 24, 26, 27	37	92	35	2	0	190	41	18	27	14	61	27	27	13	50
Wiltshire Larkhill ...	513	63	43	—	0	23, 24, 27	26	93	46	3	0	190	37	17	27	12	52	23	27	4	15
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	—	0	22, 23, 26, 27	22	102	44	0	0	180	30	13	27	3	50	22	27	3	0
Lancashire Southport ...	80	62	48	—	0	22, 23, 26, 27	19	103	46	0	0	250	31	14	27	15	53	24	27	2	0
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	22, 26, 27	8	22 to 27	46	98	16	0	0	200	44	20	26	24	71	32	27	1	5
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	23, 25 to 27	17	22 to 27	65	69	17	0	0	—	47	21	27	5	63	28	27	6	25
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	27	1	22, 23, 25 to 27	47	60	58	2	0	190	41	18	27	1	—	—	—	—	—
Clare Quilty	100	40	‡	—	0	21 to 24, 26, 27	48	91	25	4	0	—	38	17	22	16	69	31	22	15	40
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	22, 26	6	21 to 24, 26, 27	60	80	20	2	0	210	41	18	22	14	69	31	22	14	5
Cork Weaver Pt. ...	160	30	‡	22, 23, 26, 27	16	21 to 27	47	72	23	10	0	—	47	21	27	1	70	31	27	0	25
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	24, 26, 27	8	21 to 27	97	51	1	0	11	200	42	19	27	4	59	26	27	4	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	27	19	8·4	27	11	5·1	26	19	8·5	26	13	5·8	27	17	7·8	19	21	9·3	28	16	7·1	24	18	8·0
North	0	—	—	0	—	—	0	—	—	0	—	—	1	10	4·4	0	—	—	0	—	—	3	11	4·8
West	18	8	3·5	21	10	4·3	23	5	2·4	12	4	1·9	15	10	4·3	13	14	6·3	12	11	4·8	16	9	4·1
East	5	9	4·1	3	5	2·1	3	5	2·3	5	4	1·7	7	7	2·9	3	7	3·3	8	6	2·8	11	8	3·6
Calm (or wind-speed < 4 m.p.h.)	0	—	—	1	—	—	2	—	—	2	—	—	0	—	—	0	—	—	0	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	9	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

Meteorological Office, Air Ministry, London: G. C. Simpson, F.R.S., Director. 1st January, 1925.

Printed under the Authority of His Majesty's Stationery Office by Barclay & Fry, Ltd., The Grove, Southwark, S.E.1.

WEEKLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

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I.—DISTRICT-VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK, THE SEASON AND YEAR.

First published for Temperature and Rainfall in 1878, for Sunshine in 1884, and for Pressure in 1914.

FIFTY-THIRD WEEK of 1924—December 28th, 1924, to January 3rd, 1925.

DISTRICTS. (See Frontispiece map.)	Temperature of the Air. At any "D.-V." Station: Highest	Lowest	Means of: Daily Max.	Daily Min.	Adjusted Daily Mean	Deviation from Normal	Accumulated Number of Day-Degrees: Above 42°	Deviation from Normal	Below 42°	Deviation from Normal	Rainfall. Number of Days of Precipitation	Deviation from Normal	Total Fall		Deviation from Normal	Sunshine. Daily Mean	Deviation from Normal	Percentage of Possible Duration	Mean Pressure at M.S.L.
	°F.	°F.	°F.	°F.	°F.	°F.	day-deg. F.	day-deg. F.	day-deg. F.	day-deg. F.	days.	days.	inches.	mm.	mm.	hr.	hr.	%	mb.
0. SCOTLAND, NORTH...	51	30	40·8	33·9	37·5	− 1·0	0	− 6	31	0	7	+ 2	3·36	85	+55	0·3	− 0·3	5	977
Eastern.																			
1. SCOTLAND, EAST ...	49	27	41·6	33·2	37·6	+0·5	0	− 5	31	− 8	6	+ 2	1·67	42	+26	1·5	+0·5	21	983
2. ENGLAND, N.E. ...	56	32	46·1	36·4	41·5	+3·2	11	+ 5	15	− 17	6	+ 2	0·78	20	+ 8	1·0	− 0·1	13	995
3. ENGLAND, EAST ...	56	31	48·9	38·7	44·0	+5·9	23	+15	9	− 26	6	+ 2	0·96	24	+12	1·5	+0·3	20	1002
4. MIDLAND COUNTIES	56	30	47·5	36·7	42·3	+4·3	17	+ 8	15	− 22	6	+ 2	1·60	41	+26	1·1	0·0	15	997
5. ENGLAND, S.E. ...	54	31	49·8	40·5	45·3	+5·4	27	+16	4	− 23	7	+ 3	2·27	58	+43	1·8	+0·4	22	1003
Western.																			
6. SCOTLAND, WEST[1] ...	51	32	45·2	36·2	40·8	+1·2	9	0	17	− 8	6	+ 1	2·34	59	+30	0·9	+0·2	13	988
7. ENGLAND, N.W.[2] ...	56	33	47·1	39·0	43·2	+3·5	17	+ 8	8	− 18	6	+ 2	1·88	48	+29	0·7	− 0·3	9	994
8. ENGLAND, S.W.[3] ...	56	31	49·7	39·9	45·0	+3·4	27	+12	6	− 13	7	+ 2	2·71	69	+44	1·1	− 0·2	14	1000
9. IRELAND, NORTH ...	51	30	44·8	34·5	39·9	− 0·8	8	− 4	23	+ 2	7	+ 2	2·19	56	+34	1·5	+0·3	20	986
10. IRELAND, SOUTH ...	53	32	46·9	36·9	42·1	− 0·4	15	− 4	14	− 1	7	+ 2	2·61	66	+39	1·1	− 0·3	14	994
11. CHANNEL ISLANDS[4]	54	39	51·0	44·6	47·9	+2·8	41	+13	0	− 7	7	+ 2	2·75	70	+49	1·5	− 0·3	18	1005
MEAN: DISTRICTS 1-10	56	27	46·8	37·2	42·2	+2·6	15	+ 5	14	− 13	6	+ 2	1·90	48	+29	1·2	+0·1	16	994

THE SEASON (Winter).—Aggregates, &c., for the Period of 5 Weeks, November 30th, 1924, to January 3rd, 1925.

0. SCOTLAND, NORTH...	57	28	47·3	39·9	43·7	+4·8	101	+65	42	− 98	28	+ 1	9·56	242	+72	0·7	+ 0·1	10	997
Eastern.																			
1. SCOTLAND, EAST ...	57	23	46·9	38·0	42·7	+5·0	85	+54	62	−117	24	+ 3	4·67	118	+31	1·3	+ 0·3	19	1001
2. ENGLAND, N.E. ...	56	27	47·7	39·6	43·8	+4·6	98	+58	35	−105	20	0	2·75	70	+ 6	1·1	− 0·1	15	1009
3. ENGLAND, EAST ...	58	27	47·7	39·5	43·8	+4·6	108	+59	47	−101	19	− 2	3·01	77	+13	1·3	0·0	17	1013
4. MIDLAND COUNTIES	56	30	48·3	39·4	44·0	+5·1	108	+57	38	−121	20	− 1	4·35	111	+34	1·1	0·0	14	1010
5. ENGLAND, S.E. ...	57	25	49·0	40·7	45·0	+4·0	133	+60	29	− 79	22	+ 2	5·67	144	+57	1·6	+ 0·2	20	1014
Western.																			
6. SCOTLAND, WEST[1] ...	60	29	48·9	40·8	45·0	+4·7	130	+77	24	− 82	27	+ 3	8·11	205	+47	0·8	− 0·1	12	1004
7. ENGLAND, N.W.[2] ...	58	33	49·5	42·1	45·9	+5·4	147	+90	9	−101	25	+ 3	5·58	141	+37	1·1	+ 0·1	15	1007
8. ENGLAND, S.W.[3] ...	56	30	50·5	42·3	46·5	+4·0	165	+73	6	− 68	24	0	7·37	187	+46	1·3	− 0·1	16	1011
9. IRELAND, NORTH ...	56	30	49·5	40·6	45·2	+4·0	137	+72	25	− 69	26	0	6·10	156	+41	1·3	+ 0·1	17	1001
10. IRELAND, SOUTH ...	58	32	50·8	42·2	46·6	+3·7	176	+72	14	− 55	29	+ 4	8·31	210	+75	1·5	+ 0·1	20	1005
11. CHANNEL ISLANDS[4]	57	33	50·9	44·8	48·0	+2·0	209	+48	0	− 22	21	− 5	6·03	153	+33	2·3	+ 0·5	28	1013
MEAN: DISTRICTS 1-10	60	23	48·9	40·5	44·9	+4·5	129	+67	29	− 90	24	+ 1	5·59	142	+39	1·2	+ 0·1	17	1007

THE YEAR. Aggregates, &c., for the Period of 53 Weeks, December 30th, 1923, to January 3rd, 1925.

0. SCOTLAND, NORTH...	81	12	51·4	41·5	46·3	+0·8	2104	+44	513	−250	245	− 6	52·57	1334	+ 3	3·0	0·0	25	1007
Eastern.																			
1. SCOTLAND, EAST ...	80	2	51·7	39·9	45·6	0·0	2074	−188	733	−169	233	+22	34·47	875	+ 70	3·2	− 0·4	26	1009
2. ENGLAND, N.E. ...	87	16	53·8	42·1	47·7	+0·4	2704	+65	575	− 91	191	− 1	26·90	682	+ 39	3·6	− 0·3	30	1012
3. ENGLAND, EAST ...	87	18	55·4	43·4	49·1	+0·8	3195	+162	546	−150	189	+ 1	29·18	740	+123	4·1	− 0·2	34	1014
4. MIDLAND COUNTIES	87	15	54·9	41·9	48·2	+0·4	2878	− 36	593	−165	195	+ 8	34·74	885	+192	3·4	− 0·4	28	1013
5. ENGLAND, S.E. ...	86	17	55·7	43·9	49·6	+0·1	3277	− 10	449	− 75	190	+ 7	36·30	924	+209	4·4	0·0	36	1014
Western.																			
6. SCOTLAND, WEST[1] ...	80	15	53·0	41·8	47·3	+0·1	2460	− 87	513	− 64	233	+10	48·78	1237	+ 8	3·2	− 0·5	26	1010
7. ENGLAND, N.W.[2] ...	85	20	53·7	43·7	48·5	+0·2	2818	+26	395	−135	224	+19	39·01	988	+ 72	3·5	− 0·3	29	1011
8. ENGLAND, S.W.[3] ...	84	14	54·8	44·4	49·4	0·0	3088	− 62	333	− 70	209	+ 2	49·65	1258	+238	3·8	− 0·5	31	1013
9. IRELAND, NORTH ...	73	18	53·7	43·4	48·4	+0·5	2694	+28	316	−153	258	+14	44·57	1131	+138	3·1	− 0·4	26	1009
10. IRELAND, SOUTH ...	75	21	55·2	44·6	49·7	+0·3	3112	− 10	245	−121	250	+31	49·19	1248	+202	3·3	− 0·6	27	1011
11. CHANNEL ISLANDS[4]	83	30	56·0	47·9	51·8	− 0·2	3738	− 90	88	− 38	205	− 11	37·65	959	+ 99	4·7	− 0·4	39	1014
MEAN: DISTRICTS 1-10	87	2	54·2	42·9	48·3	+0·3	2830	− 11	470	−119	217	+11	39·28	997	+129	3·6	− 0·4	29	1012
	°F.	°F.	°F.	°F.	°F.	°F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	Day-deg. F.	days.	days.	in.	mm.	mm.	hr.	hr.	%	mb

[1] and Isle of Man. [2] and North Wales [3] and South Wales. [4] and Scilly.

NOTE.

Explanatory Notes are given in the "Guide to the Tables contained in the Weekly Issues" published as pp. 1–4 of the present volume.

THE WEEK.

An explanation of the terms "Unusual," &c., is printed in the Guide to the Tables published as pp. 1-4 of the present volume.

		DISTRICTS OF THE BRITISH ISLES.											
		Extreme N.	EASTERN SECTION.					WESTERN SECTION.					Extreme S.
		0. Scotland. N.	1. Scotland, E.	2. England, N.E.	3. England, E.	4. Midland Counties.	5. England, S.E.	6. Scotland, W. (*and I. of Man*).	7. England, N.W. (*and N. Wales*).	8. England, S.W. (*and S. Wales*).	9. Ireland, N.	10. Ireland, S.	11. Channel Islands (*and Scilly*)
Comparison with the normal for the time of year ..	Warmth ..	Moderate	Moderate	Unusual	Unusual	Unusual	Unusual	Moderate	Unusual	Unusual	Moderate	Moderate	Unusual
	Rainfall ..	Very Heavy	Very Heavy	Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy	Very Heavy
	Sunshine ..	Moderate	Abundant	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate

THE SEASON.—ENUMERATION OF THE CHARACTERS OF THE WEEKS ALREADY ELAPSED.

In the column for each district the first figure in the line for warmth denotes the number of weeks of unusual warmth, the last figure the number of weeks of deficient warmth. The middle figure, in small type, shows the number of "moderate" weeks. Rainfall and sunshine are similarly dealt with.

WINTER. 5 weeks from November 30th, 1924	Warmth ..	4, 1, 0	4, 1, 0	5, 0, 0	4, 1, 0	5, 0, 0	4, 1, 0	4, 1, 0	5, 0, 0	4, 1, 0	4, 1, 0	4, 1, 0	4, 1, 0
	Rainfall ..	3, 2, 0	2, 2, 1	2, 3, 0	2, 2, 1	3, 2, 0	2, 2, 1	2, 2, 1	2, 2, 1	2, 2, 1	2, 2, 1	3, 2, 0	2, 1, 2
	Sunshine ..	3, 2, 0	2, 3, 0	0, 4, 1	1, 2, 2	0, 4, 1	1, 4, 0	1, 3, 1	2, 2, 1	1, 3, 1	1, 3, 1	1, 4, 0	2, 3, 0

III.—REMARKS ON THE WEATHER OF THE WEEK. [First published in 1878.]

The weather of the week was of a very disturbed character. Heavy rain fell in many places and in some parts of our Islands thunderstorms occurred. Snow and hail fell in various parts of the country and at a few places in Scotland and northern England "snow lying" to a depth 2 to 3 inches was recorded, while at Balmoral on January 3rd a depth of 5½ inches was registered. Severe and destructive gales swept the country practically throughout the whole of the week and a good deal of damage was done by flooding, vast areas being under water. The force of the gale reached about 50 m.p.h. or slightly above in a few places, while gusts varying between 70 and 80 m.p.h. were recorded in several parts of the country. The total amount of precipitation for the week was well above the normal in all Districts. Several places had measurements exceeding 25mm. on various days, among the largest being 38mm. at Achnashellach (Ross-shire) and 32mm. at Dumfries on December 29th, 38mm. at Torquay, 34mm. at West Witton (N. Riding) and 31mm. at Ventnor on January 1st and 32mm. at Jersey on the 3rd, while on December 29th and January 1st Eskdalemuir had 42mm. and 39mm. and Newton Rigg 38mm. and 33mm. respectively. Maximum temperatures above 50°F. were recorded towards the end of the week in most parts of England and Ireland, the highest reading, 57°F., occurring at Skegness on January 2nd. The lowest of the screen minima, 27°F., was registered at Balmoral on December 31st, but ground frosts were general. The mean temperature for the week was slightly below the normal in Scotland N. and Ireland N. and S., but in all the other Districts it was above normal. Some fairly good sunshine records were obtained during the early part of the week, notably on December 29th, when several stations, especially in the south-eastern part of England, registered sunshine values of between 6 and 7 hrs. The departure of the mean daily duration of sunshine from the normal for the week ranged from +1·1 hr. in London (Westminster) to -0·9 hr. at St. Ann's Head. Solar and lunar halos were seen at a number of places on various dates. The Zodiacal Light was observed at Oxford on December 28th and the Zodiacal Light and Band on December 30th.

IV.—STATION VALUES AND THEIR DEVIATIONS FROM NORMAL FOR THE WEEK.

[TEMPERATURE and RAINFALL, first published in 1878, SUNSHINE in 1880, GROUND TEMPERATURE in 1906.]

Districts and Names of Stations reporting Temperature of Air and Rainfall.	Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit. Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the week	Deviation from Normal
	Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
0. SCOTLAND, N.														
Shetlands Lerwick ¶	54	*t*	48	1st	35	28, 3	43·3	37·7	40·6	+1·1	7	2·17	55	+32
Orkneys Deerness	160	*p*	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides Stornoway ¶	51	*t*	47	29th	31	3rd	40·3	34·0	37·3	−2·2	6	2·95	75	+46
Castlebay	37	*t*	48	29, 1	34	31, 3	44·4	36·7	40·7	—	7	1·05	27	—
Caithness Wick ... ¶	81	*t*	46	29th	31	28th	39·3	33·3	36·4	−2·0	6	0·62	16	+ 2
Ross and Cromarty Strathpeffer ¶	125	*a*	44	29th	30	29th	39·1	31·6	35·5	−1·8	7	2·61	66	+49
Achnashellach ¶	225	*h*	45	29th	30	3rd	38·6	32·9	35·9	—	7	6·09	155	—
Inverness Inverness	242	*h*	44	29th	32	31, 3	38·6	33·3	36·1	—	7	2·60	66	—
Fort Augustus ¶	68	*a*	—	—	—	—	—	—	—	—	—	—	—	—
Onich ... ¶	48	*h*	51	29th	32	2nd	43·6	33·6	38·8	—	7	5·73	145	—
1. SCOTLAND, E.														
Nairn Nairn ... ¶	82	*t*	45	29th	32	28, 31, 3	39·0	33·7	36·5	−0·7	7	1·22	31	+19
Elgin Gordon Castle ¶	101	*p*	49	29th	30	2nd	42·7	32·7	37·9	−0·2	5	0·57	14	+ 1
Aberdeen Aberdeen ... ¶	46	*t*	46	29th	32	3rd	40·9	35·7	38·4	—	4	1·23	31	+15
Balmoral ... ¶	930	*a*	44	29th	27	31st	38·1	30·1	34·3	0·0	7	1·84	47	+30
Perth Crieff ... ¶	478	*p*	47	30th	31	30, 31, 2	41·6	32·0	37·0	0·0	7	3·74	95	+71
Forfar Dundee	147	*a*	48	29th	32	31, 1, 3	42·6	34·1	38·5	—	7	1·87	47	—
Fife Inchkeith ... ¶	190	*t*	49	29, 1	34	31st	44·3	37·1	40·8	—	7	0·95	24	—
Midlothian Edinburgh ...	441	*p*	48	30, 1	32	31st	44·6	34·1	39·6	+1·4	7	1·73	44	+33
Peebles West Linton ¶	770	*a*	49	3rd	31	31, 1, 3	43·3	32·3	38·0	+3·7	7	2·12	54	—
Berwick Marchmont ¶	498	*a*	47	29, 1	31	1, 3	43·1	32·1	37·8	+1·3	5	1·68	43	+29
6a. SCOTLAND, W.														
Argyll Ford ... ¶	149	*a*	49	28th	32	3rd	45·3	35·1	40·4	—	7	4·35	110	—
Renfrew Renfrew ... ¶	36	*t*	49	29, 1	32	2nd	42·7	35·7	39·3	—	7	2·76	70	—
Bute Rothesay ... ¶	200	*p*	5	1st	33	31, 2	46·1	34·7	40·6	+0·9	7	2·67	68	+39
Ayr Kilmarnock ¶	90	*a*	49	29th	34	3rd	44·4	36·3	40·5	+2·5	7	1·43	36	+14
Colmonell... ¶	170	*a*	49	29, 1, 2	35	3rd	45·6	36·9	41·4	+1·9	5	1·02	26	− 3
Dumfries Dumfries ... ¶	140	*p*	51	2nd	35	28, 31	46·4	36·4	41·6	+3·5	6	2·50	63	+43
Eskdalemuir ...	794	*t*	47	2nd	31	31st	40·9	33·7	37·4	—	6	3·64	92	—

Stations reporting Sunshine and Temperature on the Grass and in the Ground.	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min. Ground Frosts	Grass Min. Lowest Reading	Earth 1 ft. Mean	Earth 1 ft. Deviation from normal	Earth 4 ft. Mean	Earth 4 ft. Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Lerwick ...	0·4	—	7	—	—	—	—	—	—
Deerness §	—	—	—	—	—	—	—	—	—
Stornoway §	0·1	− 0·5	2	—	—	—	—	—	—
Castlebay ...	0·5	—	7	—	—	—	—	—	—
Achnashellach	—	—	—	7	25	—	—	—	—
Inverness §	0·6	—	9	1	30	—	—	—	—
Onich ...	0·1	—	2	2	30	—	—	—	—
Nairn §	0·8	—	12	—	—	—	—	—	—
Gordon Castle	1·1	—	16	—	—	—	—	—	—
Aberdeen §	1·5	+0·4	22	5	24	—	—	44·0	+2·9
Balmoral ...	—	—	—	6	19	—	—	—	—
(Kinc.)Crathes §	—	—	—	—	—	—	—	—	—
Dundee §	1·1	—	15	4	30	40·3	—	—	—
Inchkeith ...	1·8	—	25	0	33	—	—	—	—
Edinburgh §	2·2	+1·0	32	3	30	—	—	—	—
West Linton...	—		—	6	27	—	—	—	—
Marchmont §	1·8	+0·8	25	—	—	—	—	—	—
Ford ...	—	—	—	6	27	41·5	—	45·6	—
Renfrew ...	0·6		9	1	30	—	—	—	—
Rothesay §	0·5	0·0	8	0	31	39·4	—	45·1	+2·0
Kilmarnock ...	0·4	—	5	—	—	41·0	—	45·9	
Colmonell ...		—	—	0	33		—	—	
Dumfries ...	1·6	—	22	1	29	41·9	+3·1	45·6	+3·8
Eskdalemuir §	0·8	+0·2	11	1	29	—	—	—	—

*t signifies that the Maximum and Minimum temperatures refer to periods from 7h. to 18h. and 18h. to 7h. respectively.
h " " " " " " " " " " " 9h. to 17h. and 17h. to 9h.
a " " " " " " " " " " 24 hourly periods ending at 9h.
p " " " " " " " " " 24 " " " " 21h.

¶ District Value station for temperature and rainfall.
§ " " " " sunshine.
+ Earth temperature at 3 feet.
‡ Temperatures recorded on a Glaisher stand.

Districts and Names of Stations reporting Temperature of Air and Rainfall		Height above M.S.L. of ground by Rain Gauge	Terminal Hours*	Temperature of the Air. In Degrees Fahrenheit: Highest	Date	Lowest	Date	Mean for the Week: Of Daily Max.	Of Daily Min.	Adjusted Daily Mean	Deviation from Normal	Rainfall: No. of days of Precipitation	Rainfall in the Week	Deviation from Normal
		Ft.		°F.		°F.		°F.	°F.	°F.	°F.		in.	mm.	mm.
6b. ISLE OF MAN.															
I. of Man	Douglas ... ¶	284	h	51	1, 2	36	1st	45·7	38·1	42·1	+0·9	6	1·70	43	+18
2. ENGLAND, N.E.															
Northumberland	Cockle Park ¶	324	p	50	3rd	32	31st	45·9	33·7	40·0	+3·3	7	0·95	24	+ 9
	Tynemouth ¶	118	t	50	2nd	35	31, 1	45·0	38·1	41·7	+3·1	6	0·81	21	+ 9
Durham	Durham ... ¶	336	p	50	2nd	32	2nd	44·4	34·1	39·5	+2·4	7	1·33	34	+23
York,	Rounton ... ¶	249	p	50	2nd	32	28th	44·3	33·9	39·3	+2·2	7	1·00	25	+13
N. Riding	West Witton ...	605	a	50	2nd	34	29, 1, 2	43·6	35·3	39·6	—	7	3·26	83	—
	Scarborough ¶	118	h	53	2nd	34	1st	46·7	37·6	42·3	+3·5	6	0·75	19	+ 5
	York ... ¶	56	p	53	2nd	34	1st	46·9	36·4	41·9	+3·9	6	0·75	19	+ 7
E. Riding	Spurn Head ¶	26	t	50	1, 2	36	29,31,1	46·9	38·9	43·1	+4·2	5	0·33	8	- 2
Lincoln	Lincoln ... ¶	58	a	51	29,30,2	32	29th	48·0	37·0	42·7	+5·3	6	0·58	15	+ 3
	Cranwell ... ¶	236	t	56	2nd	34	29th	47·1	37·7	42·6	+5·1	5	0·48	12	0
3. ENGLAND, E.															
Norfolk	Cromer ... ¶	196	a	56	2nd	34	29th	49·3	38·0	43·9	+5·6	6	0·48	12	+ 1
	Yarmouth ... ¶	13	t	55	2nd	34	29th	48·1	39·3	43·9	+5·8	6	0·74	19	+ 6
	Norwich ... ¶	93	a	55	2nd	34	29th	49·0	38·3	43·9	+6·3	6	0·90	23	+ 9
	Geldeston ... ¶	37	a	55	2nd	33	29th	49·6	38·3	44·2	+5·9	4	0·60	15	+ 3
Cambridge	Cambridge ¶	41	p	55	2nd	33	1st	49·6	37·7	43·9	+6·1	6	1·11	28	+17
Hertford	Rothamsted ¶	420	a	53	2nd	31	29th	47·9	36·3	42·3	+4·7	7	1·72	44	+29
Middlesex	Tottenham ¶	51	p	55	2nd	35	29th	49·9	40·3	45·3	—	6	1·50	38	—
Essex	Clacton-on-Sea ¶	55	t	52	2nd	36	29th	47·6	41·4	44·6	+6·3	5	0·66	17	+ 7
	Southend	90	h	53	2nd	34	29th	49·0	40·9	45·1	—	6	0·91	23	—
4. MIDLAND COUNTIES.															
York,	Harrogate ¶	479	t	51	2nd	33	1st	44·1	36·4	40·4	+3·5	7	1·39	35	+18
W. Riding	Sheffield	429	p	54	2nd	35	28,31,1	46·3	36·0	41·4	—	7	1·34	34	+15
Derby	Buxton	987	p	51	2nd	33	29,31,1	43·0	34·3	38·8	+3·3	7	2·07	53	+21
Nottingham	Worksop(Hods'ck)¶	56	a	55	2nd	34	29th	48·3	36·4	42·6	+4·9	5	0·58	15	+ 2
	Nottingham ¶	192	a	56	2nd	33	29th	48·0	36·4	42·4	+4·8	6	0·64	16	+ 3
Warwick	Birmingham (Edg)¶	525	t	54	2nd	33	29,31,1	46·0	36·9	41·6	+3·6	6	1·68	43	+28
Northampton	Oundle ... ¶	147	a	55	2nd	32	29th	48·6	36·3	42·7	—	6	0·69	17	—
Oxford	Oxford ... ¶	208	p	55	2nd	33	31·1	49·9	37·1	43·8	+5·1	7	1·97	50	+36
Stafford	Cheadle ... ¶	646	a	52	2nd	30	29th	45·1	32·6	39·1	+2·4	6	1·33	34	+16
Worcester	Tenbury ... ¶	313	p	56	2nd	34	29th	47·6	38·4	43·2	+4·2	6	2·43	62	+50
	Malvern	377	h	52	2nd	34	1st	47·4	37·1	42·5	—	6	2·19	56	—
Hereford	Hereford ... ¶	291	a	55	2nd	34	1st	47·7	37·9	43·0	+4·6	7	2·26	57	+41
Gloucester	Clifton ... ¶	225	a	55	2nd	35	1st	49·9	39·0	44·7	+4·7	7	3·00	76	+55
5. ENGLAND, S.E.															
London	Westminster ...	27	a	56	2nd	35	29th	50·9	41·1	46·2	+5·9	6	1·31	33	+22
	Greenwich ‡ ...	149	a	55	2nd	35	29th	49·7	39·7	44·9	+5·8	6	1·26	32	+21
	Hampstead ...	450	p	52	2nd	33	29th	47·7	37·6	42·9	—	6	1·68	43	-
	Camden Square ...	110	a	54	2nd	35	29th	49·3	39·9	44·8	+5·4	6	1·67	42	+30
Surrey	Richmond (KewO)¶	18	t	54	2nd	35	29th	49·2	41·3	45·4	+6·0	6	1·48	38	+27
	Wisley ... ¶	150	a	54	2nd	34	29th	49·4	39·7	44·7	+5·8	6	1·51	38	+26
Kent	Tunbridge Wells ¶	354	h	53	3rd	32	29th	49·3	39·4	44·6	+5·9	7	2·78	71	+56
	Margate ... ¶	51	h	54	2nd	35	29th	50·4	41·1	45·9	+5·9	6	0·85	21	+10
	Dungeness ¶	21	t	52	2, 3	38	29th	49·6	43·3	46·6	+6·3	7	2·64	67	+54
Sussex	St. Leonards ¶	178	h	52	2nd	35	29th	49·6	42·4	46·1	+5·6	7	3·20	81	+66
	Worthing	36	h	52	2, 3	35	29th	48·9	43·0	46·1	—	6	2·69	68	—
I. of Wight	Ventnor ... ¶	59	a	53	2nd	39	29th	50·6	42·9	46·9	+4·3	7	3·20	81	+64
Hampshire	Southampton ¶	64	p	54	2nd	33	29th	50·4	38·1	44·5	+3·8	6	2·81	71	+53
Wiltshire	Marlborough ¶	424	a	—	—	—	—	—	—	—	—	7	2·30	58	+41
	Porton ¶	363	a	53	2nd	31	29th	49·4	36·3	43·1	—	7	1·91	49	—
7a. ENGLAND, N.W.															
Cumberland	Aspatria(Mealsg'e)¶	487	p	50	2nd	35	31st	45·4	37·0	41·4	+3·2	7	2·28	58	+37
	Newton Rigg ¶	559	p	—	—	—	—	—	—	—	—	7	4·29	109	+88
Lancashire	Stonyhurst ¶	377	a	52	2nd	33	31st	45·1	36·6	41·0	+2·9	7	2·20	56	+30
	Blackpool ¶	66	h	52	2nd	37	31st	47·6	39·7	43·8	+4·7	7	1·68	43	+26
	Southport ¶	37	h	53	2nd	36	31st	47·1	40·3	43·8	+4·6	7	1·69	43	+27
Manchester	Whitworth Pk. ¶	125	p	54	2nd	36	29, 31	47·6	37·9	42·9	+3·5	7	1·30	33	+17
Cheshire	Liverp'l (Bidston) ¶	189	a	54	2nd	36	31st	47·0	39·3	43·3	+3·4	5	1·14	29	+15
7b. NORTH WALES.															
Flint	Hawarden Bridge¶	22	a	56	2nd	37	2nd	48·9	38·7	44·0	+3·5	6	1·34	34	+22
Carnarvon	Llandudno ¶	22	h	56	2nd	39	28, 31	48·4	41·1	44·9	+3·0	6	1·36	35	+19
Anglesey	Holyhead ¶	26	t	53	2nd	38	1st	47·3	41·1	44·3	+2·0	5	1·34	34	+14
8a. SOUTH WALES.															
Cardigan	Aberystwyth ¶	59	h	54	1, 2	38	31st	50·0	42·4	46·4	—	7	1·82	46	—
Pembroke	St. Ann's Hd. ¶	150	t	53	2nd	37	31, 1	49·4	41·3	45·5	+2·0	7	1·97	50	+26
Radnor	Rhayader ¶	757	a	53	1st	34	31, 1	47·3	37·0	42·4	—	7	4·14	105	—
Glamorgan	Cardiff ... ¶	202	p	56	2nd	31	29th	49·6	36·3	43·2	+3·5	7	4·05	103	+77
8b. ENGLAND, S.W.															
Somerset	Bath ... ¶	66	h	55	2nd	32	29th	49·4	39·9	44·8	+4·9	7	2·62	67	+50
Dorset	Shaftesbury ¶	722	a	52	2nd	33	29th	48·4	38·3	43·6	+5·3	7	1·58	40	+21
	Portland Bill ¶	19	t	54	3rd	43	28, 29	51·4	46·0	48·8	+5·4	6	2·38	61	+45
Devon	Arlington ¶	613	a	54	2nd	34	29, 1	49·9	38·3	44·3	+4·4	7	3·69	94	+60
	Cullompton ¶	202	a	55	2nd	35	29th	51·1	39·3	45·4	+5·1	7	1·61	41	+18
	Plymouth ¶	116	p	54	2nd	36	28th	51·4	40·6	46·2	+3·1	7	1·37	35	+10
Cornwall	Newquay ...	190	h	55	1, 2	38	1st	49·7	42·3	46·2	+1·9	7	2·17	55	+33
	Falmouth ¶	167	h	54	2nd	39	28,31,1	49·3	42·3	45·9	+1·8	7	3·69	94	+62
9. IRELAND, N.															
Donegal	Malin Head ¶	53	t	49	29th	32	31, 3	43·0	34·4	38·9	- 2·5	7	3·74	95	+77
Mayo	Blacksod Point ¶	10	t	—	—	—	—	—	—	—	—	—	—	—	—
	Mallarany ...	120	a	51	2nd	32	2nd	47·7	35·1	41·7	—	6	3·83	97	—
Sligo	Markree Castle ¶	122	p	50	30th	30	31st	45·3	32·1	39·0	- 0·8	7	2·85	72	+47
Armagh	Armagh ... ¶	204	p	49	29, 1, 2	32	1st	44·6	33·4	39·2	- 0·4	7	1·43	36	+19
Down	Donaghadee ¶	35	t	49	29, 1, 2	34	28th	44·0	36·9	40·6	+0·3	5	0·65	17	0
10. IRELAND, S.															
Dublin	Dublin City ¶	54	p	53	2nd	34	31, 1	47·1	36·0	41·8	- 0·3	6	1·89	48	+33
King'sCounty	Birr Castle ¶	175	t	50	29, 1, 2	33	28,31,1	44·1	35·4	39·9	- 0·3	7	2·45	62	+43
Kilkenny	Kilkenny ¶	182	a	52	1, 2	32	28, 31	46·1	34·3	40·4	+0·1	7	1·86	47	+26
Waterford	Waterford ¶	137	a	53	1st	33	1st	48·7	36·7	42·9	+0·9	6	2·38	60	+34
	Seskin, Carrick-on-Suir	542	p	51	2nd	32	31, 1	45·4	35·3	40·6	—	7	3·51	89	—
Limerick	Foynes ... ¶	50	a	52	1st	34	28,31,1	47·1	36·1	41·8	- 0·6	7	3·81	97	+70
Kerry	Cahirciveen ¶	30	t	52	1, 2	35	31st	48·0	40·0	44·2	- 0·7	7	3·19	81	+43
	Killarney ¶	174	a	—	—	—	—	—	—	—	—	—	—	—	—
Cork	Roche's Point ¶	32	t	52	1, 2	35	31st	46·9	39·6	43·4	- 0·7	7	2·66	68	+38
11. CHANNEL ISLES & SCILLY															
Scilly	St. Mary's ¶	131	t	54	2nd	39	28th	50·6	44·6	47·7	+1·3	7	1·97	50	+29
Guernsey	Grange ... ¶	173	p	53	2nd	41	29th	51·0	44·1	47·7	+3·6	7	3·19	81	+61
Jersey	St. Heliers ¶	28	h	54	2, 3	41	29th	51·4	45·0	48·3	+4·5	7	3·10	79	+58

Stations reporting Sunshine and Temperature on the Grass and in the Ground	Bright Sunshine Hours per Day: Daily Mean	Deviation from Normal	Percentage of possible duration	Ground Temperature: Grass Min.: Ground Frosts	Lowest Reading	Earth 1 ft.: Mean	Deviation from normal	Earth 4 ft.: Mean	Deviation from normal
	hr.	hr.	%		°F.	°F.	°F.	°F.	°F.
Douglas §	1·6	+0·4	21	0	33	—	—	—	—
Cockle Park §	1·6	+0·3	23	4	27	38·8	+1·7	43·3	+2·7
Tynemouth ...	—	—	—	1	28	—	—	—	—
Durham §	0·9	- 0·2	13	3	28	—	—	—	—
Rounton ...	—	—	—	5	28	40·3	—	—	—
West Witton	—	—	—	3	29	39·4	—	44·1	—
Scarborough †§	0·3	- 0·7	4	3	28	—	—	44·5	—
York §	0·3	- 0·4	5	—	—	42·3	+2·4	45·8	+2·5
Spurn Head...	0·9	—	12	—	—	—	—	—	—
Lincoln ...	—	—	—	1	27	40·9	+2·2	45·5	+2·5
Cranwell §	1·3	+0·1	17	3	28	—	—	—	—
Skegness §	1·4	- 0·1	18	—	—	—	—	—	—
Cromer §	1·6	+0·2	21	—	—	—	—	—	—
Yarmouth §	1·8	—	23	0	31	41·1	+0·6	45·6	+0·7
Norwich ...	0·6	—	7	3	27	40·4	—	—	—
Geldeston §	1·5	+0·2	20	—	—	—	—	—	—
Cambridge §	1·8	+0·5	23	2	28	42·7	+2·6	46·8	+2·5
Rothamsted §	1·8	+0·5	23	3	25	41·5	—	—	—
Tottenham §	0·6	—	8	—	—	—	—	—	—
Clacton-on-Sea§	1·7	+0·3	22	0	31	43·4	+2·0	46·8	+1·1
Southend ...	1·7	—	21	1	30	44·0	—	—	—
Harrogate §	1·1	- 0·1	15	3	29	—	—	—	—
Sheffield §	1·1	0·0	14	0	31	40·6	+1·3	44·7	+1·4
Buxton ...	0·6	—	9	0	31	38·9	+0·5	44·4	+1·9
Worksop §	1·0	+0·1	14	3	25	41·3	—	44·9	—
Nottingham §	0·9	+0·1	12	2	27	40·9	+2·2	44·5	+2·9
Birmingham §	1·1	+0·2	14	1	30	41·9	+0·8	46·7	+1·3
Oundle ...	1·4	—	18	2	25	42·4	—	46·4	—
Oxford §	1·7	+0·4	22	1	29	—	—	—	—
Cheadle ...	—	—	—	4	25	—	—	—	—
Tenbury ...	—	—	—	2	28	42·3	—	—	—
Malvern ...	1·1	—	14	3	26	41·4	—	45·7	—
Ross on Wye§	1·0	—	13	1	30	42·6	—	46·4	—
Clifton §	1·2	+0·1	15	0	32	—	—	—	—
Westminster	1·6	+1·1	20	1	28	—	—	—	—
Greenwich ...	1·6	+0·6	21	3	28	—	—	—	—
Hampstead ...	1·7	—	22	4	23	—	—	—	—
Camden Square	—	—	—	1	30	43·4	—	46·9	—
Richmond § (Kew Obs.)	2·0	+0·9	25	2	28	43·2	+2·5	46·8	+1·7
Wisley §	1·8	+0·5	23	3	25	43·1	+2·0	46·5	+1·8
Tunbridge W'ls§	1·8	+0·5	23	2	25	44·1	—	47·2	—
Margate §	2·0	+0·7	25	0	31	44·0	+1·6	47·0	+1·6
Folkestone §	1·6	—	20	1	30	—	—	48·0	—
St. Leonards §	1·8	+0·2	23	1	30	44·3	—	47·7	—
Worthing §	1·9	+0·3	24	1	30	44·6	+2·7	47·7	+1·4
Ventnor §	1·6	0·0	19	—	—	—	—	—	—
Southampton§	1·9	+0·5	24	1	27	—	—	—	—
Marlborough§	1·2	+0·1	15	—	—	43·0	—	46·9	—
Porton ...	2·0	—	25	4	26	42·8	—	—	—
Aspatria §	0·2	- 0·8	3	0	32	41·8	+1·7	45·7	+2·0
Newton Rigg§	0·2	- 0·7	3	—	—	—	—	—	—
Stonyhurst §	0·3	- 0·4	5	0	31	—	—	—	—
Blackpool §	0·6	- 0·5	8	0	31	43·6	—	47·1	—
Southport §	1·0	0·0	14	0	33	41·1	+2·6	44·7	+2·8
Whitworth Pk.	0·8	+0·4	11	—	—	—	—	—	—
Oldham Road	0·2	- 0·1	3	0	32	41·5	+2·0	46·8	+2·8
Bidston ...	1·6	—	21	2	29	—	—	—	—
(Ches.)Hoylake§	1·6	+0·3	21	—	—	—	—	—	—
Llandudno §	1·1	- 0·1	15	—	—	—	—	—	—
Holyhead ...	1·1	—	14	0	37	—	—	—	—
Aberystwyth§	0·5	- 0·7	7	—	—	—	—	—	—
St. Ann's Hd.§	0·3	- 0·9	4	—	—	—	—	—	—
Rhayader §	0·7	—	9	0	32	—	—	—	—
Cardiff ...	0·6	—	8	1	27	43·7	+2·4	47·5	+2·4
Bath ... §	1·3	0·0	16	—	—	44·8	—	48·2	—
Shaftesbury...	—	—	—	—	—	—	—	46·2	—
Weymouth ...	1·6	—	20	—	—	—	—	—	—
Arlington ...	—	—	—	1	29	—	—	—	—
Cullompton §	1·4	+0·2	17	1	29	45·0	—	—	—
Plymouth §	1·6	+0·2	20	0	34	45·6	+1·8	49·4	—
Newquay §	1·4	- 0·1	17	—	—	46·8	—	49·6	—
Falmouth §	1·8	+0·2	22	0	34	45·7	—	49·1	—
Malin Head...	0·3	—	5	—	—	—	—	—	—
Mallarany ...	0·7	—	9	—	—	—	—	—	—
MarkreeC'stle§	1·2	+0·1	16	—	—	40·9	- 1·0	46·9	+1·5
Armagh §	1·8	+0·4	24	1	30	41·3	+0·2	46·2	+1·8
Trinity Coll.	—	—	—	3	29	43·2	+1·1	47·0	+1·9
Phœnix Park §	1·6	+0·1	21	0	31	—	—	—	—
Dublin City ...	—	—	—	0	31	—	—	—	—
Birr Castle §	1·3	0·0	17	4	27	—	—	—	—
Seskin ...	1·4	—	18	1	30	—	—	—	—
Cahirciveen (Valencia O.)§	0·4	- 0·8	6	0	34	—	—	—	—
Ballinacurra §	0·9	- 0·5	12	—	—	—	—	—	—
St. Mary's §	1·4	- 0·4	17	—	—	—	—	—	—
Grange §	1·5	- 0·2	19	0	34	45·3	- 0·1	48·0	- 0·3
St. Heliers §	1·5	- 0·4	19	—	—	—	—	—	—

For footnotes see previous page.

V.—SUMMARY of AUTOGRAPHIC RECORDS of WIND-SPEED. [First Published 1914.]

Week ending at midnight (24h.) on Saturday, January 3rd, 1925.

District, County & Station.	Height. Above Mean Sea Level.	Height. Above Ground.	Height. Above Building.	Distribution of Wind. ‡‡ More than 38 m.p.h. Dates of Occurrence.	More than 38 m.p.h. Duration.	25 to 38 m.p.h. Dates of Occurrence.	25 to 38 m.p.h. Duration.	13 to 24 m.p.h. Duration.	4 to 12 m.p.h. Duration.	Less than 4 m.p.h. Duration.	No Record. Duration.	Extreme Velocities. Highest Hourly Wind. Veer from N.	Highest Hourly Wind. Speed.		Highest Hourly Wind. Mid Time.		Highest Gust. Speed.		Highest Gust. Time.		
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h	m/s.	d.	hr.	m.p.h	m/s.	d.	h.	m
0. SCOTLAND, N.																					
Shetlands Lerwick ...	310	42	‡	29 to 1	10	28 to 3	92	52	14	0	0	190	48	21	29	22	70	31	30	13	35
Orkneys **Deerness (Cup Anr.)	188	16	5	27, 29, 2	4	27, 29 to 2	42	89	30	3	0	170	41	18	29	19	—	—	—	—	—
1. SCOTLAND, E.																					
Aberdeen Aberdeen ...	72	42	‡	—	0	29, 2	4	73	89	2	0	240	29	13	2	3	51	23	2	1	40
Edinburgh Edinburgh ...	485	39	31	29, 1	5	28 to 3	73	86	4	0	0	200	45	20	29	21	79	35	29	22	50
6a. SCOTLAND, W.																					
Renfrew Paisley ...	188	81	15	29	1	29, 31 to 3	19	106	41	1	0	190	39	17	29	21	77	34	1	23	5
Dumfries Eskdalemuir ...	825	50	22	29, 30, 1 to 3	14	28 to 3	44	82	26	2	0	230	44	20	2	17	69	31	3	1	55
2. ENGLAND, N.E.																					
Durham South Shields...	72	61	12	—	0	29, 30, 1 to 3	30	87	51	0	0	250	39	17	2	20	65	29	2	20	25
York, E.R. Spurn Head ...	67	41	‡	30, 1, 2	7	29 to 3	53	95	13	0	0	210	45	20	1	21	66	29	2	17	55
Lincoln Cranwell ...	280	43	31	1, 2	4	29 to 3	42	112	10	0	0	210	44	20	1	20	56	25	2	13	10
3. ENGLAND, E.																					
Norfolk Gorleston ...	52	42	‡	—	0	29 to 2	35	75	57	1	0	200	38	17	30	9	55	25	2	13	55
Essex Shoeburyness...	103	90	‡	30, 1, 2	23	29 to 3	26	99	8	0	12	210	52	23	2	11	73	33	31	14	40
5. ENGLAND, S.E.																					
Surrey Richmond (Kew Obs.)...	82	65	22	—	0	30, 1, 2	26	67	75	0	0	210	34	15	1	21	58	26	1	21	40
Surrey Croydon ...	284	40	24	—	0	30, 1, 2	35	76	57	0	0	200	35	16	2	10	59	26	2	11	20
Kent Lympne ...	409	70	‡	30, 1, 2	33	28 to 3	35	66	34	0	0	220	51	23	2	12	70	31	2	15	35
Hampshire Petersfield (Stoner Hill)...	811	42	‡			Record defective															
Hampshire S. Farnboro' (Pyestock Tower) ...	444	160	—	1, 2	12	29 to 3	50	102	4	0	0	210	45	20	2	14	70	31	3	14	0
Wiltshire Larkhill ...	513	63	43	1, 2	8	29 to 3	35	61	62	0	2	210	45	20	2	11	62	28	1	22	25
7a ENGLAND, N.W.																					
Lancashire Fleetwood ...	112	50	12	1, 2	8	28 to 3	75	70	12	3	0	250	49	22	1	24	68	30	1	23	55
Lancashire Southport ...	80	62	48	31 to 3	34	28 to 3	71	47	14	2	0	250	54	24	1	23	80	36	2	15	40
7b. NORTH WALES.																					
Anglesey Holyhead ...	64	45	‡	29, 1 to 3	19	28 to 3	91	52	6	0	0	250	47	21	1	22	74	33	1	21	15
8b. ENGLAND, S.W.																					
Devon Plymouth ...	185	88	2	29, 30, 1, 2	28	29 to 3	33	61	28	0	18	—	49	22	1	20	71	32	1	19	35
Cornwall Pendennis Castle§...	256	65	24			Record defective															
10. IRELAND, S.																					
Dublin Kingstown (Cup Anr.)...	49	27	—	28, 1	7	28 to 3	94	53	12	2	0	210	48	21	1	10	—	—	—	—	—
Clare Quilty	100	40	‡	31 to 3	26	28 to 3	88	52	2	0	0	—	51	23	1	19	74	33	1	19	20
Kerry Cahirciveen (Valencia Observatory) ...	98	41	‡	1	9	28 to 3	70	79	10	0	0	210	47	21	1	13	71	31	1	12	30
Cork Weaver Pt. ...	160	30	‡	29, 1	16	29, 31 to 3	24	66	43	6	13	—	49	22	1	16	81	36	1	16	55
11. SCILLY ISLES.																					
St. Mary's ...	150	32	‡	28, 30 to 3	41	28 to 3	108	19	0	0	0	260	48	21	31	7	69	31	28	5	40

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable. ‡ Standard mounting.
§ Direction from the Robinson Anemometer at Falmouth Observatory. ** For Deerness the week ends at midnight on Friday.

VI.—WIND COMPONENTS.—FREQUENCIES (at 3h., 9h., 15h., 21h.; maximum possible 28). MEAN VALUES in miles per hour and metres per second. [First Published 1916.]

Wind Component from	Scotland, N. Deerness.* Frequency.	Mean Value. m.p.h	Mean Value. m/s	Edinburgh. Blackford Hill. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, E. Gorleston. Frequency.	Mean Value. m.p.h	Mean Value. m/s	London. Richmond. Frequency.	Mean Value. m.p.h	Mean Value. m/s	North Wales. Holyhead. Frequency.	Mean Value. m.p.h	Mean Value. m/s	England, S.W. Scilly. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Dublin Kingstown. Frequency.	Mean Value. m.p.h	Mean Value. m/s	Ireland, S.W. Cahirciveen. Frequency.	Mean Value. m.p.h	Mean Value. m/s
South	24	16	7·3	26	14	6·3	26	14	6·2	28	12	5·4	27	15	6·7	13	18	8·0	28	20	9·1	24	13	5·8
North	1	2	0·9	0	—	—	0	—	—	0	—	—	1	1	0·6	2	6	2·6	0	—	—	4	3	1·3
West	22	14	6·1	27	19	8·4	27	9	3·9	24		3·7	27	19	8·6	16	25	11·3	26	17	7·5	25	19	8·7
East	1	15	6·9	0	—	—	0	—	—	0	—	—	0	—	—	1	2	0·9	1	2	0·9	3	6	2·9
Calm (or wind-speed < 4 m.p.h.)	2	—	—	0	—	—	1	—	—	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—
No record	0	—	—	0	—	—	0	—	—	0	—	—	0	—	—	11	—	—	0	—	—	0	—	—

* For Deerness the week ends at midnight on Friday.

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, F.R.S., Director. 8th January, 1925.

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